

MA.

black one cd Ontario > dbase

white cd/dbase > db

To save:

BLK. cd Ontario copy census.dbf a:

white cd/dbase Ontario > copy census.dbf a:



"Lightning Bird"

Lyfe Watson



BBWA

Mixed Aw Timmins 10m ~~20m~~ 30m 3m Aw
10%. C ① twig 3mm ♀
LUL stand HV glean

BBWA

Mixed Aw Timmins 20m 30m 3m Aw
10%. C ① twig 3mm 4cm air
stand aerial/lunge

PHVI (not leafed out tree)

Mixed Aw Tim. ~~20m~~ 26m 31m Aw
10%. C ① twig 2mm ♀
L stand R gleam

AMRE

MA Tim 11m ^{27m} 28m Sw
10%. C ① branch ^(bright?) 1m 12cm
air stand aerial/lunge

MAWA

4m / 12m 28m Aw
15%. C ① twig 2mm ♀
L stand RD gleam.

CEWA

Mixed Aw Sun / 13m 20m Aw
10%. C ① twig 3mm ♀
cattail stand glean.

WELL & SB Pt. Counts.

6/4

MYWA Mixed Aw ^B
 Aw ^{gaw} 20m / 24m 26m
 Aw 50% B 10m
 ① branch 10mm ♂
 branch stand glean

MAWA

Mixed Timm: 4m / 15m 25m
 Aw 50%. B ① ^{twigs} ~~branch~~ 3mm
 2cm stalk aerial / US glean

	in 50m	out 50m
NAWA	1	
WTSP		
TEWA	1	
AMRO		
RCKI	1	
MAWA	1	
SWTH	1	
LISP	1	
YBFL		

② NAWA 20
 SWTH 120
 WTSP 80
 YBFL 90
 (MYWA)
 MAWA 40
 CHSF 60
 YBFL 100
 TEWA 120
 YBFL 100
 WTSP 120
 NAWA 100
 RCKI 120
~~OBRO~~ 0
 RCKI 120

③ WTSP 200
 NDFL 100
 WTSP 20 (all)
 MAWA 70
 MAWA 90
 RCKI 190
 NAWA 80
 RCKI 100
 RCKI 180
 SWTH 200+
 YBFL 100
 YBFL 120
 NAWA 80
 0

④ MAWA 80, 40
MYWA 15, 15, 80, 40
SWTH 120
RCKI 180, 200+
WTSP 130
BOCH 10 (V)
NAWA 50
YBFL 80, 40
TEWA 80

7:11
⑤ RCKI 100, 90, 70
MAWA 20 (S), 80, 40
YBFL 110, 40
TEWA 70, 60
NAWA 60, 50, 40
COYE 120, 60
GCKI 40

⑨ 8:15
TEWA 70
WIWR 100
RCKI 180, 200+
WTSP 150
HETH 80 / 120
~~DEJU 100~~
MYWA 90
? PIGR

⑩ 8:27
WIWR 100
YBFL 40
MYWA 80 / 20 V
RCKI 140, 100
NOWA 150
WTSP 180
HETH 180
DEJU 100

⑥ 7:26
DEJU 60
NAWA 30, 80
YBFL 70, 80
SWTH 200+, ~~200+~~, 200+
WTSP 200+, 120, 30
HETH 180
TEWA 80, 80
RCKI 200, 180

⑦ 7:48
RCKI 200+ / 150
WTSP 15 (C), 10 ~~200+~~
COYE 130
MAWA 60
NAWA 40 / 100
HETH 150
TEWA 100, 80
DEJU 10 (C)
YBFL / 120

⑪ 8:38
RCKI 100, 100
YBFL 70, 60
WTSP 200, 30, 80
HETH 120
NOWA 110
MYWA 190
DEJU 60
MAWA 130

⑫ 0851
NOWA 100,
TEWA 110
BWA 40
NAWA 60
NAWA / 80

⑧ 8:05
WIWR 150
HETH 80
WTSP 160
EVGR Flyover
TEWA 80, 10

~~raptor? (call) mew?~~
SSHIA (call) TEO

Vegetation

#12

CC 060%. BF 35%. SW 5%.

CH 16

GC W15 H5 M90

① AL 1 ② BF 2,3,4,5,6,12 ③ G,7,7
④ O ⑤ O SB 0.5

#11

CC 080 SB 20

CH 10

GC AL 60 M90 G20 LT 5 H2 W2
① Q ② SB 3 AL 1 ③ AL 1 ④ AL 2
⑤ SB 2

#9

CC 070%. SB 30%.

CH 10

GC M95 LT 40 H2 W2 V20
① Q ② SB 0.5 ③ SB 0.5
④ SB 4 ⑤ SB 8,9

#7

CC 085%. SB 15

CH 7

GC M80 G60 V30 AL 50 W2 SB 20
① Q ② Q ③ Q ④ Q ⑤ Q

#5

CC 070%. SB 30%.

CH 7

GC G50 M85 H5 W2 LT 65 AL 35 SB 5

① SB 2,3,5,7,8 ② Q ③ SB 2,3,5
④ SB 0.5 ⑤ Q

#3

CC 065 SB 35

CH 7

GC G30 V45 H2 W2 SB 35 AL 25

① Q ② Q ③ Q ④ Q
⑤ SB 2,5

#1

CC 070 SB 30

CH 6

GC M80 G40 SB 30 H2 V20 AL 30 LT 10
① Q ② Q ③ SB 0.5 ④ SB 4, ⑤ S,7,8
⑤ LT 0.5

Ramsey Rd. Pt. 100 ft's Jack Pine

6/6

#① 06:16
RE VI? 80
WTSP 100, 200+, 200+
NAWA 100
HETH 200
CHSP 200+
? DEJV/60 (C)
0031

#② NAWA 25, 150
OVEN 180 ~~30~~
DEJV 25 V
WTSP 200+ / 150
HETH 200
~~WTSP / 150~~

#③ CB44
NAWA ~~HD~~, ~~200~~, 120
WTSP ~~HD~~, 180, 200/80
HETH 200
OVEN 100, ~~200~~
GCKI 20
RCKI 200+ / 150
? ~~REVI~~ SVI

#④ 07:00
WTSP 100, vs
RCKI 200,
MYWA 50
NAWA 70, 100/80
OVEN / 130
? HETH / 200

#⑤ 07:13
SVI 90
WTSP 110, 30
NAWA 120, 100
HETH ~~200~~
MYWA / 40
BCCH / 60
DEJV / 120

#⑥ 07:42
NAWA 50, 100
WTSP 70, 110, 40, 20, 60
CHSP 60
SVI ~~100~~
OVEN / 60

#⑦ 07:54
GCKI 40
HETH 90, 100, ~~140~~
NAWA 60
OVEN 30, 110
WTSP 80
MYWA 100
DEJV / 20 (C)

#⑧ 08:14
WIWR 70
OVEN 60,
HETH 120,
NAWA 70
RBGR 200 (author not?)
WTSP 90
SVI 90
GCKI 40
CHSP 70, 60

#⑨ 08:40
OVEN 80 (Aw), 130
BW, NA (Aw) 50
RBGR (Aw) 40
RBGR ~~140~~ (Aw)
RUGR 70
WTSP 140

#⑩ 08:04 7th Aw
OVEN 60, 100
CHSP 70
WTSP 120
HETH ~~200+~~, 180
NAWA 100, 80
PIWD 140
WIWR / 160

#⑪ 08:26 (Mixed), 1st Aw
BTBW 60
RBGR 100
WIWR ~~60~~
SVI 60
OVEN 80
MYWA 60
GCKI 40
NAWA 80, 60

(SWA 80 (Aw))

#③ CC 035 Jp 65 Sw 2

CH 26

GC M50 H20 W10 ERIC 35 ILDO 40

① Jp 10, 15, 17²¹ ② ♂ ③ Jp 9, 10 ERIC 05
④ Jp 8, 10 ⑤ ♂

#② CC 030 Jp 70

CH 22

GC M70 AL 50 ILDO 25 H20 W5 ERIC 45

① Jp 10 ② ♂ ③ Jp 8, 9, 10, 11 ERIC 05
④ Jp 7 ⑤ Jp 2 ERIC 05

#① CC 025 Jp 75

CH 23

GC M90 H35 ERIC 60 W5 ILDO 20

① Jp 20, 22 ② Jp 12, 14, 15 ③ Jp 11, 15
④ ♂ ⑤ Jp 13, 16, 18

Aug 24 6/5 (19°N into 2)
2-2 20N

② 24

① 24

NAWA 75, 100/110

HETH 200, 200+

NJFL 200+

OVEN 170

? REV 1 200 (in lower rail)

40

④ 27

NAWA 70, 110

HETH 200+

OVEN 200+

COLA 200+

AMBI 130 (at wheel)

③ 25

NJFL 150

WSP 150/200/300

OVEN 140/90

NAWA 70

? REV 1 100 (out of Jp)

DEIV/90

2 birds - km b. 40

MYWA 100

AMBI 200+ (in S. bog)

Vog 25

④ 25 CC 020 Jp 80

CH 21

GC M100 H20 W10 LANG 45

① Jp 9 ② ♂ ③ 12, 13, 14, 15, 17, 18, 20 Jp
④ 9, 11, 12, 14 ⑤ Jp 7, 8, 9, 10, 14, 15

(24)

#(1) CC 025 Jp 74 Av 1

CH 24

GL M100 H 25 LAV 40 W 15 PC 2 SB 2

① Jp 13 ② Jp 9, 13, 16 ③ Jp 10 LAV 0.5
④ Jp 11 ⑤ Jp 8, 10, 15

5/7 Matheson Aw

(12)

#(1) C950

WEN 60, 60, 110

WTSP 80, 200+, 200+

BWNA 40

VEER 200+

TEWA 20, 70

ALFL 90

HETH 200+

BWNA 70

AMRE 20, 20

? PHV 1/50

#(2) C606

? REV 20

TEWA 100, 60

AMRE 60

OVEN 100, 60/60

BWNA 90/60

HETH 130

WTSP/110

AMRE/150

RUGR 70

#(3) C626

TEWA 100

WEN 110, 150 ? (all 60 followed)

AMRE 60, 40, 70 CHSP 40 (1)

AMRE 50

WTSP 120

VEER 70,

? PHV 1/60

#(4) C643

~~REV~~ 40

VEER 40, 60c

TEWA 70,

REV 40

OVEN 40, 120

CORA 200+, 200+

AMRE 100/100

CEWA/60(x7)

(from CWA after 5)

(5) 0702

TEWA 60, 120

OVEN 60, 120, 100/110

AMRE 60 ~~40~~

REV 100,

MAWA

CSWA 40

CEWA 30(x5), 20(x2)

VEER/80c/100/110/120c

~~REV~~

AMRE/200

(6) 0720

VEER 60c

LEFL 25, 20/40

OVEN 60, 3

TEWA 70

AMRE 70

WTSP 110, 120

REV 60, 100

NAWA 60

(7) 0738

MOWA 70

LEFL 60, 60,

? REV 60, 90, 110

AMRE 60/100,

WTSP 140, 200+

VEER 60c

TEWA 40

CEWA 60

COYE/60

OVEN/90

CSWA/70

⑧ 0753
OVEN 50, 60
CSWA 70
VEER 90 C,
TEWA 75, 110
WTSP 60, 120
SWTH 120, 10 C
~~AMRE~~ 60
BBWA 120
? PHV 1170
RUGR 60

⑨ 0813
OVEN 60, 110, 70/150
NAWA 60, 40
RKI 60 (Sw New)
TEWA 70
YBSA 40
WTSP 90, 140
CHSP 40
NAWA 70, 60
NAWA 180
MYWA 40

⑩ 0847
OVEN 60, 70, 140, 80,
REVI 110,
SWTH 80 C
WTSP 70, 140, 200+
BBWA 40
NAWA 110
TEWA 190
FUGR 130
CSWA 190, 60/140

* Done to
here w. 4th
CENSUS
6/21

⑪ 0837
NAWA 60
NAWA 100
OVEN 60, 60, 100
ALFL 60
VEER 70
NAWA 60
~~CSWA~~
BBWA 120
WTSP 140, 110, 120
CEVA 40
TEWA NAWA 60
RUGR 40

⑫ 0837
NAWA 60
NAWA 60, 40
OVEN 40, 40, 140
? PAVI 60
VEER 70/200+
WTSP 60
CHSP 30 C
TEWA 60
CSWA 80

Veg.
done no veg.
① CL 040 Aw 55 Sw 120 2
CH 33
GC H 40 AL 50 W 10 PC 15 G 20 R 16 S 5
① Aw 12, 14, 15, 16
② Aw 20, 24 & ③ Aw 10, 12, 18, 19
④ & ⑤ Aw 24
+ ⑥ CL 045 Aw 55
CH 32
GC H 40 W 10 G 20 M 30 AL 60 R 120
⑤ Aw 13 ② Aw 13 ③ AL 4 Aw 20, 22, 24
④ AL 3 ⑥ Aw 20, 21, 22, 23, 25, 26

#²¹
② CC 045 Aw 53 Sw 2
CH 33

GC G35 H40 W10 AL 60 ? 20 PC 5 M5
① Aw 20, 22, 24, 27 ② Bw 6, 8, 10, 15, 16, 17, 20
③ AL 3 Aw 15, 17, 20 ④ Aw 16, 17, 18, 19,
22, 25, 26 ⑤ Aw 19, 22, 24, 25

#²⁰
② CC 030 Aw 70
CH 33

GC G35 H30 W10 AL 40 M2 ?? 5
① Aw 5, 7, 10, 12 ② Aw 16 ③ Aw 17
④ Aw 20, 21, 23, 24, 25, 28, 29 ⑤ Aw 12, 13, 14,
20, 21

#¹⁹
② CC 035 Aw 63 Sw 2
CH 32

GC AL 75 H 20 W10 R120 M2 G15 ?? 5
① Aw 12 ② AL 3 ③ Aw 12, 13, 16, 18
④ Aw 20, 21, 24, 25, 26 ⑤ &

#¹⁸
② CC 030 Aw 63 Sw 30
CH 30

GC H30 W10 G40 AL 35 R20
① Aw 21 ② Aw 20, 21 ③ Aw 21
④ & ⑤ &

#¹⁷
② CC 030 Aw 70
CH 31

GC H40 W10 G40 AL 65 R135
① Aw 22 ② Aw 18, 20 ③ Aw 24, 25
④ Aw 22 ⑤ Aw 19, 20, 22, 23

#¹⁶
② CC 040 Aw 60
CH 30

GC W20 H40 R130 AL 60 ?? 20 M10
① & ② Aw 14, 15, 17, 20
③ Aw 15, 17, 20, 22, 23 ④ AL 3 Aw 18, 19,
20, 21, 22 ⑤ &

#¹⁵
② CC 045 Aw 55
CH 33

GC M2 W15 H25 AL 70 R140
① AL 3 ② & ③ Aw 17, 18, 19, 22,
25, 26, 28, 30 ④ Aw 23
⑤ &

#¹⁴
② CC 025 Aw 75 Sw 21
CH 34

GC G40 M5 H30 AL 60 SA 30 R125 W10
① Aw 15, 17, 19, 20 ② AL 4 ③ Aw 15
④ Aw 15, 20 ⑤ &

#⑬ CC 040 Aw 60

CH 35

GC AL 65 M2 W15 F 25 R140 G 35

① AL 3

② Aw 15, 17, 22

21, 23, 24, 25

④ AL 3

⑤ AL 4 Aw 22

#⑭ CL 045 Aw 55

CH 31

GF 6 80 W15 H 20 AL 50 R115 Aw 10

① 8

② Aw 22

③ AL 3 Aw 12, 13,

20, 21, 22, 23

④ Aw 19, 20

⑤ AL 3

Aw 17, 18, 20, 21

26 Aw

⑬ 0543

TENA 40, 70, 60

OVEN 40, 100, 140

WIWR 70

RBNV 130 (in sun)

BCH 60, 60

VEER 80 C

REVI 70

BWVA 80/40

NOEL 70

BBWA 40

CORF 70 (x2)

SUTH 90 C

27 ⑬ 0552 (alata 58) 6/10

WIWR 90

OVEN 60, 60, 80

REVI 60, 40

HETH 40

WO Hammering 100

BWVA 40, 60

TENA 90, 80

RUGR 40

28

⑬ 0604

OVEN 40, 110

VEER 80 C, 140

TENA 90 / 120

WIWR 100

HETH 120, 80

BBWA 60

REVI 80

AMRO 140

BWVA 40

(BTNW 80 didn't sing
while others though)

29

⑬ 0621

CAWA 25

REVI 60

TENA 60, 80, 100

BWVA 80, 60,

BCH 100 / 100

OVEN 130, 80

RUGR 30

WTSP 160

HETH 200+

BBWA 20

? up and down 70 (warbling too)

BTNW 100

30

⑬ 0645

VEER 40

HETH 60

TENA 40, 80, 120

REVI 80, 120

MWVA 80

WIWR 150

BBWA 60

BCH 120

OVEN 80 / 80

31

⑬ 0703

VEER 25

WTSP 80 BWVA 80

CAWA 60 OVEN 70, 60

BBWA 60 MOWA 60

TENA 40, 80

WTSP 140

? PHVI 90

RUGR 40

CAWA 40

? fast trill ↑ inspeed 60

NANFA 70

32

① 0743
 CAWA 20
 REVI 70
 MOWA 40
 WIWR 80
 VEER 200+, 150, 80C
 WTSP 180/10
 TEWA 120, 100
 BWVA 80
 RUGR 70
 HETH 200+
 NAWA/60/
 SWTH 200

34

⑨ 0813
 OVEN 40
 TEWA 60, 100, 100
 HOTH 100, 140
 BTNW 70
 WTSP 70, 130
 LEFL 80, 90, 100
 SWTH 100, 80
? CAWA 60
 AMRO/20 V
 MOWA/90/

33

⑩ 0758
 BTNW 80
 VEER 140, 100 C/100,
 BBWA 60, 70
 HETH 200+, 90
? REVI
 LEFL 800
 MOWA 100
 OVEN 100, 120, 130
 TEWA 140/110/60
 REVI 60
 SWTH/40C
? NAWA 70

35

⑪ 0836
 MOWA 70
 TEWA 40, 70
 MOWA 60
 BWVA 60
 COYE 70
 REVI 100, 120
 HETH 150
 OVEN/100/90
 BBWA 40

36

⑫ 0849
 MOWA 60, 120
 WTSP 200+
 SWTH 90 C, 40 C
 REVI 100, 90
 VEER 150
 OVEN 70, 120
 TEWA 110, 110
 BBWA 70, 60
 ALFL 200+
 BECH/120

12
11
23

~~Done to
here
classus
only
6/22~~

Jeget. Aw Timmins

6/10

36

⑬ CC 030 Aw 55 Sw 5 Bf 10
 CH 29

GC H 25 W 10 AL 40 Sw 5 MR

① Aw 15, 19, 20, 22, 23 ② Aw 10 ③ Aw 18, 20, 22, 23, 24
 ④ Bf 4, 5 Aw 14, 15, 18, 20, 21, 23, 25
 ⑤ Aw 10, 12, 14, 16, 17, 18, 20, 22, 23

35

⑭ CC 025 Aw 60 Bf 10 Sw 5
 CH 34

GC H 30 W 15 AL 25 Bf 2 Sw 1 Bf 10 11 M 5 ? 3
 ① Aw 15, 18, 20, 24, 26, 27 ② Bf 4, 5, 6 Aw 10, 22, 24

③ Bf 3, 10 Aw 21, 22, 23 ④ Aw 18, 19, 22, 23
 ⑤ Aw 15, 17, 20, 24, 28, 30, 32

34

#⑨ CC 040 Aw 8²⁰ Sw 9²⁰ BF 3
CH 34

GC H30 W15 Aw 10²⁰ Bp 10²⁰ AL 45 R15
① ② Aw 15, 17 ③ ④ ⑤ Aw 18, 19, 20, 24, 28

33

#⑦ CC 025 Aw 70 Sw 3 BF 2

GC AL 70 H20 W10 R1 20 BF 2 Sw 3

CH 34

① Aw 19 ② ③ ④ Aw 17, 18, 20,
26, 29, 30 ⑤ Aw 18, 20, 24, 28, 29

32

#⑦ CC 060 Bp 20 Aw 20

CH 33

GC AL 70 R145 W10 H20 G20 Aw 10 Bp 10 R15

① ② Aw 16, 17, 18, 22, 23
③ Bp 4, 6, 7, 10, 12, 14, 16, 18, 20, 24
④ Bp 6, 7, 10, 14, 15, 16, 17, 18, 20, 25, 30
⑤ ⑥

31

#⑥ CC 030 Bp 40 Aw 35

CH 34

GC AL 60 H30 W10 M10 R1 10 Bp 20 Sw 5
① Bp 21 ② Bp 14, 15, 17, 20 ③ Bp 20, 22
④ Bp 26, 28 ⑤ Aw 16

30

#⑤ CC 020 Bp 40 Aw 30 BF 5

CH 36

GC H45 M20 W10 H10 R15 BF 5 S² G20
① Bp 4, 5, 7 Bp 11, 20 ② Aw 22, 24 ③ ④
⑤ Aw 24, 26, 28 ⑥ Aw 24

29

#④ CC 035 Bp 35 Aw 30

CH 34

GC AL 70 R140 H30 W15 G10

① ② Aw 19 ③ ④ Bp 2 AL 05
⑤ Bp 12

28

#③ CC 020 Bp 35 Aw 35 Bp 10

CH 32

GC AL 30 H30 W20 R20 M10 BF 30

① Bp 4 Bp 22, 24, 26, 28 ② Bp 5. ③ Aw 28
④ Aw 24, 26, 28 ⑤ ⑥

27

#② CC 030 Bp 10 Aw 30 Bp 30

CH 32

GC H35 M70 AL 30 R1 15 W20 BF 30

① Bp 4 ② ③ ④ Bp 6, 7, 8
⑤ Aw 21, 24, 26, 30

26

#① CC 030 Bp 30 Aw 30 BF 5 Sw 5

CH 33

GC AL 60 H30 W15 R130 M40 BF 10 S²
① AL 08 Aw 27 ② Aw 22, 24, 26 ③ Aw 28, 30 ④ ⑤ Aw 25, 27

6/11 5B TR 9

Kettle Lakes
81

① 0601 80

WTBP 90, 15C

YBFL 70, 80

NAWA 70, 80, 80/90

WIWR 80

RCKI 80

HETH 180, 80/40

COYE 90

OSFL 200+ (other side road)

SWTH 130, 90/60C

MYWA 40

② 0610

YBFL 60, 60, 70/40

RCKI 100, 200, 120

WTBP 110, 40, 200+

HETH 200+, 140, 200+

NAWA ~~100~~, 140/150

WIWR 100

? PISI FO

ALFL 170

83

③ 0632 82

WIWR 40, 70

YBFL 40, 110

NAWA 60, 70, 120

RBNV 80,

DEJV 20V

SWTH 60

WWCR FO(x4)

HETH 200+

WTBP/200+

④ 0649

WIWR ~~100~~ 60, 60, 70

GCKI 40/70

NAWA 40, 60, 100/110

SWTH 70C, ~~200~~, 200+

WTBP 100

YBFL 100, 100

DESU 40C

MANA 80

RCKI 120

WWCR FO

? CMWA 110

84

⑤ 0709

WIWR 60, 90

NAWA 40, 130, 150,

GCKI 100

WWCR FO

? CMWA 60

BOCH 20

SWTH 60C, 160, 180

WTBP 110

YBFL 90, 60

NAWA ~~100~~

RCKI 110

86

⑦ 0746

YBFL 60, 80, 90

SWTH 100, 90, 150, 100

RCKI 200, 120, 100

NAWA 160, 90, 100/60

AMBI 150

~~MYWA 70~~

⑨ 0822 88

NAWA ~~90~~

NAWA 60, 40, 120/80

MAWA 110

SWTH 140, 150/160

GCKI 90

85

⑥ 0727

RCKI 40

YBFL 60, 100, 70/40

NAWA 70, 160, 100

WIWR 140, 90

RBNV ~~80~~ 70

Gull FO

~~GRSY~~ ~~100~~ /40

DEJV 60

SWTH //200

87

⑧ 0806

GCKI 40

NAWA 90, 110, 120, 110

SWTH 120/200+

YBFL 70 //120//110

RCKI 130

NAWA 100

YBFL 100

RCKI 130

WIWR 150

89

(1) CC 029
SWTH 150
NAWA 60, 140
W1WB 100
YBFL 90
OVEN 140, 100
GCKI 20/90
PISL F0(x8)
RCFT 120, 200

90

(1) CC 025
GCKI 40, 90
BBWA 60
OVEN 80, 140
RCKI 80
YBFL 100
NAWA 90

Vegetation SB 6/11

#(1) CC 015 SB 83 Aw2 90
CH 24

GC M100 W³⁰ H³⁰ LT⁵ LC5 BF3 SB3 LELE³
(1) SB 3, 4, 7, 8, 10, 14, (2) SB 4, 8, 12 (3) SB 10, 15, 16, 17, 18,
20, 22 (4) SB 4, 6, 10, (5) SB 6, 7, 8, 10, 12

#(1) CC 015 SB 85 89
CH 22

GC M100 W25 H20 LC5 BF2 SB5 LT2
(1) SB 2 (2) SB 5, 7, 10, 12, 13 (3) SB 5, 6, 7, 8
(4) Fall & (5) &

#(1) CC 020 SB 80 88
CH 26
GC M100 LC10 W¹⁵ LT15 LELE5 H5
(1) SB 5, 7 (2) & (3) & (4) SB 9, 10
(5) SB 9

#(1) CC 030 SB 70 87
CH 20
GC M100 W10 H²⁰ LT15 LELE2 SB~~35~~³⁵
(1) SA 4 (2) & (3) & (4) SB 2, 3, 5, 8,
(5) SB 6

#(1) CC 045 SB 55 86
CH 19

W10 AL25
GC M100 H20 LT30 SB~~10~~ G20 BF20 LC7
(1) & (2) SB 2 (3) & (4) &
(5) SB 6, 8, 10, 11, 12

#(1) CC 035 SB 65 85
CH 20

GC M100 H25 W10 LC⁵ AL25 LT10 SB20 6¹⁵
(1) & (2) & (3) & (4) SB 5, 7, 8, 9, 12
(5) &

#(1) CC 050 SB 50 84
CH 17

GC M100 W15 AL25 LT10 G5 SB40 LC⁵
(1) & (2) & (3) SB 9, 10 (4) SB 2, 3 (5)

#GCC 060 SB40 83

CH 15

GC M(8) W15 H20 G25 LT(15) LT 20 AL 20 SB 45

① SB 3 ② SB 4,6,7 ③ & ④ & ⑤ SB 4,6,7

#GCC 060 SB40 82

CH 15

GC M100 H20 W15 S050 AL20 R12 L1C5 G10

① SB 3 ② & ③ & ④ SB 4,5,8,9,10,14
⑤ &

#GCC 070 SB30 81

CH 13

GC M100 H20 LT 35 SB60 W15 L1C5

① & ② SB 2,9 ③ & ④ & ⑤ SB 3

#GCC 065 SB35 80

CH 16

GC M100 H20 W15 L1C5 LT 36 SB65

① & ② & ③ SB 4,7,8,9 ④ 4
⑤ &

SB 6/12 Smooth Rocktails

① 0549 91

SWTH 100

? NAWA 80, 90, 100, 60

MAWA 80, 120,

CORA 200

WTSP 140 / 100

COYE 70

RCKI 90, 140

WWCR FO

CHSP / 80

AMRD 40 (FO)

93

③ 0025

TEWA 60

SWTH 40, 100

WTSP 80, 110, 40

RCKI 110 / 80 / 100

NAWA 90, 120, 150

? BWWA 40

YBFL 100 / 60

BWWA 40

NAWA / 60

② 0608

SWTH 60, 120, 200+ / 200

NAWA 70 / 120

BWWA 40

DEJU 20 C

RCKI 140, 150

TEWA 90

REV 200

MAWA 800 / 110

YBFL / 70

94

④ 0642

NAWA 70

TEWA 40

RCKI 110, 200

HETH 150,

ALFL 110

MAWA 110

NAWA 70

YBFL 70 / 100

REV 160

SWTH / 100 C

CA60 / FO

BOUL / 140

RBNN / 160

95

- #2 ⑤ 0659
C ALFL 90
G NAWA 60, 100
① HETH 200
SWTH 200
#9 WSP 200t, 160
C MYWAT 80
G WCR F0
① NAWA 100, 110
RBNU 100,
TEWA 110
④ RCKI 100 200t
C RUFI 100
G 97
① ⑦ 0734
COWA 60
#1 TEWA 100
NAWA 40, 100, 70
G YBFL 70, 70, 80
WSP 130, 120, 200
HSTH 200, 200t
WWCR F0
RCKI 150
RBNV 140

96

- ⑥ 0716
NAWA 70, 80, 70, 100
YBFL 70, 90, 110
WTSP 140,
RCKI 200t
FEU 130
WWCR F0
GCKI 170
CABO 1F0

99

- ⑨ 0805
RCKI 70
NAWA 60, 100, 110, 110
YBFL 60, 110
WTSP 200t
DEJU 100
WWCR F0
COYE 180

100

- ⑩ 0821
RCKI 80, 120
NAWA 60
YBFL 70
NAWT 60, 100, 140/100
MYWA 70
SWTH 200t
GCKI 60
AMRO 200t

101

- ⑪ 0836
GCKI 40
NAWA 60
SWTH 150, 90, 200
MYWAT 40
NAWA 70, 60, 90
WIWR 120
YBFL 80
RCKI 100
AMRO 200t

102

98

- ⑧ 0749
COWA 40
YBFL 100
NAWA 100, 110, 90
SWTH 160
WWCR F0
PAWA 80
RCKI 200t
NAWA 90
ALFL 80
MYWA 90

Veg 6/2 SB

#10 CC 060 SB40

CH 23

GC M100 AL¹⁰ BF2

HC H20 SB40 LT10 PC5 W¹⁰ G10 L12

① Q ② SB 10 ③ Q ④ SB 4,5,10

⑤ SB 6,8,10

101

⑥ CL 075 SB25 96

CH 13

GC M100 G4 LT30 H20 AL20 BB20 W10 SB30

① Q ② Q ③ Q ④ SB 12 ⑤ Q

TA25

#11 CC 050 SB50

CH 26

GC M100 W15 H10 LC2 LT20 SB15 AL10

① Q ② SB 3,5,7,8 ③ SB 6,7,8,9,10

④ SB 5 ⑤ Q

105

#12 CC 085 SB15 95

CH 9

AC M100 G60 BB30 AL20 SB30 W2 H15

① Q ② Q ③ Q ④ SB 0,5 ⑤ Q

UC2

#13 CC 070 SB30

CH 23

GC M100 W15 LT20 AL30 BF10 SB10 LC2

① SB 3,5,7 ② SB 3,3 ③ AL ④ Q ⑤ Q

99

#14 CC 090 SB9 TA1 94

CH 11

AC M100 G70 AL45 SB60 LT30 LEER25 W2 TA5

① Q ② SB 2 ③ Q ④ Q ⑤ Q

UC5

#15 CC 060 SB20

CH 15

GC M100 6,75 LT40 LEER30 SB40 BB20 W5

① Q ② SB 0,5 ③ Q ④ Q

98

#16 CC 025 SB65 BF10 93

CH 23

GC M100 W10 H30 AL30 BF20 SB20 UC2

① SB 3,5,6,7,8,11,12 Q ② SB 3,5,6,7,7,8,10,14

③ SB 4,6,7,8 SA8 ④ SB 13,15,17

⑤ SB 5,7,8 SA8

#17 CC 050 SB10 TA2 97

CH 10

GC M100 H30 LT42 BB40 LEER20 SB60 TA50 W5 6,7,8

① TA 5,6,7,10,12 ② SB 4 ③ Q ④ SB 4 ⑤ Q

#18 CC 050 SB20 TA1 92

CH 15

AC M100 AL45 SB30 W5 UC5

① Q ② SB ③ Q ④ AL 1,2, SB 3,5

⑤ TA 4,6,7

#2 1 #0 CC 070 SB 28 CC 2 91

CH 16

GC M100 AL 35 SB 40 BE 10 61 60 H 20

① OCE 3 ② Q ③ SA 3 ④ B SB 7,10

6/13 Mixed S. Pen (F) nite

102

#0 057

GCKI 40/60

BBWA 40

SWTH 140

REV1 150,130,160

MAWA 70,90

YBSA 200

RUGR 60

?PHV1 60

ALFL 90, 200+

AMRE 60

CORA FO (3)

MYWA/70

MAWA 70

104

③ 0629

SWTH 60C, 200+ 100

CHSP 150

NAWA 90

BLBW 60

REV1 110

OVEN/60

RUGR 30

BBWA/60

105

④ 073

CHSP 60

BLCW 60

RELI 80

WTSR 200

BL 31 80

SWTH 90,130

RUGR 60

AMRE 20 VC

MAWA 70

NOPA 60

MJWA/100

107

⑥ 0723

SWTH 30

FEII 80

AMRE 40

GCKI 40

NAWA 60

WTSR 70

MAWA 90

CHSP 30 C

BRCH 100

106

⑤ 0709

SWTH 70,90,100

BLAW 70

NAWA 90

GCKI 70

MONA 70 (CC?)

WTSR 140

BRCL 70

WWCR 140,60, FO

AMRE 60

YEW 40C

108

⑦ 0719

SWTH 80 130

AMRE 70,

MAWA 80,90

FEII/90

MAWA 100

Ex-wind 115

⑩ 0617 MAWA 40
C CHSP 40
G OVEN 90 140
WTH 130
RBNL 50
C TEWA 40

⑦ 0646 117

REV1 60
BLBW 40

WTH 130
TEWA 70
EBWA 40
WTSP 60 C
MALL FO
RBNL 100
OVEN 120

⑨ 0710 *wind 11A

OVEN 130, 90

6CKT 50

BLBW 80, 90
MAWA 100

* Wind 116
⑩ 0628

TEWA 5
OVEN 100, 90, 120
REV1 110
MAWA 40
EBWA 60

⑦ 0657 118

WTH 200, 140, 60 C, 60 V
NWWA 120 140
EBWA 60
OVEN 130
REV1 110

120

* Wind

⑪ 0718

SWTH 60

OVEN 100, 90

EBWA 40, 70

TEWA 70, 70

BLBW 70, 70

COLA FO

? PHV1 90

48

LEFL 60

PISI (11) FO

REV1 60

36 8

41

23

⑩ 726

T 111 10, 70, 90, 20
70, 11 80
CHSP 10, 10
REV1 90 190
BWWA 70
YASA 90
WWR 100

Jeg 6/11

* Done to
here 6/23
only census

⑩ CC 030 Sw 30 Aw 20 Bw 15 Jp 5 121

CH 39

GC M70 H30 W15 SM60 HN25 Bz 20 AL 40 010 RD 20 P5

① AL 2, SM 2, 3 AL 4 ② Sw 2, 4, 5, 7, 10, 11

③ Sw 3, 3, 5 ④ X ⑤ Aw 24, 26

⑩ CC 035 Aw 40 Sw 25 120

CH 34

GC M55 H35 HN 65 Bz 25 Sm 60 W15 725 Bz 10 AL 35 R120 HN 0.5

① Sw 14 Aw 24, 26 ② Aw 24, 25, 26 ③ Aw 22, 26, 28

④ Aw 26, 28, 30, 31, 32 ⑤ Aw 29

⑩ CC 040 Jp 10 Bw 10 119

CH 24

GC M90 H30 W10 AL 40 MA 20 Bz 25 HN 30 SA 10 RD 15

① Bz 4, 5, 11, 14, 17 Bw 8 ③ X 9 Bz 0.5

#① CC 045 JP 45 Bw 18 Sw 2 118
CH 25 Aw 15 MA 10
GC M100 H140 HN30 BF 40 CE 15 JP 15 SA 20 W10 SB 20 AL 25
① ♂ ② ♂ ③ JP 11, 13, 15 ④ ♂
⑤ Sm 13, 14, 16

#① CC 030 JP 25 Sw 20 Aw 15 Bw 10 117
CH 26 Bw 5
GC M90 H145 Sm 65 HN40 AL W5 BF 10 BLB 20 Sm 5 Aw 5
① JP 12, 14, 16, 20 ② Sm 2, 3, Aw 24, 26 ③ Sm 3
④ ♂ ⑤ Bw 4

#① CC 030 JP 20 Aw 25 Sw 15 BF 5 Bw 5 116
CH 29
GC M95 HN45 BF 25 Sw 10 BLB 30 SA 15 Sm 45 W8 PC 10 G2
① Sm 2 ② Sm 3 ③ Aw 26
④ Bw 4, 4 ⑤ ♂

115
#① CC 035 Sw 25 JP 25 Bw 7 Aw 13 BF 5
CH 28
GC M90 Sm 50 BF 20 Sw 20 H15 W10 ? 15 SA 15 L10
① ♂ ② JP 15 20 ③ BF 5, 4, 6, 10
④ ♂ ⑤ Bf 10, 12, 10

#① CC 030 Aw 25 JP 20 Sw 15 BF 5 Bw 5 114
CH 29
GC M65 H30 HN40 Sm 45 Bw 5 W5 BLB 25
① Aw 26 ② ♂ ③ BF 3 JP 16, 16
④ Sm 4 JP 20, 22, 23 ⑤ ♂

#① CC 030 Aw 25 JP 20 Sw 20 Bw 5 113
CH 29
GC M65 H20 BF 20 Sm 50 W20 HN20 PC 20 A30
① B 3, 4, 6, 10 ② B 3, 5, 6, 7, 9 ③ BF 2, 6
④ ♂ ⑤ B 3

#② CC 040 Aw 30 CE 5 Sw 20 Bw 5 112
CH 33
GC M65 H20 W10 CE 2 HN30 Sm 45 BF 15 Aw 5
① Bw 4, 4, 6, 7 ② B 2, 5, 6, 10 ③ ♂ ④ ♂
⑤ B 8

#① CC 040 Aw 20 Sw 20 BF 10 CE 10 111
CH 29
GC M70 H20 CE 30 W25 Sm 45 AL 25 MA 10 BF 10
① ♂ ② Sm 4, 4, 5 ③ ♂ ④ Bf 5, 6, 10
⑤ B 11 ⑥ ♂

W.H.R., 6 Am

#24

① 0555 262
C REN 60
G OVEN 110
T SWTH 70
H CHSP 60C/60
W WIWR 140
(WTSP 20C, 20C
B BLBW 40
M MAWA 40
P DHVI 60

② 0612 263
WTSP 120
OVEN 80, 120, 110
SWTH 90, 140
CHSP 110
LEFL 90
AMRE
PBNWA 70
REVI 100

③ 0710 266
OVEN 110 120, 200/20
YCL 70
VLT 70, 100/100
BB 110 60
SWT 150
WTSP 180/200/140
REVI 40, 70
SWTH 60
TENA 80
CHSP 100
MAWA 80
LEFL 100
TGCFL 140

④ 0631 264
REVI 40/80
MAWA 20
OVEN 60, 130
BPWVA 20
BRCR 40
SWTH 100
WTSP 120
RUGR 40
AMRE/80

⑤ 0650 265
REVI 40, 70
PBNWA 60, 40, 30
REVI 40, 60
OVEN 110, 70/70
BBWVA 60
LEFL 60, 70
SWTH 100
VEER 60C/20C
AMRE/80

⑥ 0810 268
LEFL 110, 80, 100
DHVI 40
OVEN 60, 100
BBWVA 60
REVI 60
SWT 150
AMRE/70

⑦ 0827 269
OVEN 80, 80
REVI 20, 80, 60, 90
WTSP 200, 120
LIFL 40, 60
BBWVA 40
VEER 100/40

⑧ 0842 270
WTSP 60, 70
REVI 80, 110
MHWVA 40, 60
NAWA 60
SWT 140
BPWVA 40/80

HAWA 30
TEWA 60

Veg 6/16 White River Aw

#① CC 030 Aw⁵⁰ SW10 BW10
CH 31
GL H45 W20 BF15 SM55 AL30 HN30 D10 G15 R05 MA10 M30
① Aw 24 ② Aw 23, 23 ③ BW 15, 15, 16 ④ Aw 25, 26, 26
⑤ Aw 25, 25

270 (842)

① CC 030 Aw 60 BW⁸ SW2 266
CH 33
GC W15 H35 HN35 AL30 SM45 ?? UNK 20
① SM3 ② Aw 28, 29, 30, 31, 32 ③ BW 5, 5, 6
Aw 22, 24, 24 ④ SW 5, 7, 9 BW 16, 20
⑤ Q

#① CC 035 Aw⁴⁰ BW20 SW5 265 (650)
CH 34
GL H35 SM65 HN40 RD40 G120 M⁴⁰ W10
① BW 22, 22, 25 ② Aw 28, 29, 30 ③ SM3 ④ Q
⑤ SW 4, 6, 10

269 (827)

#① CC 025 Aw⁶⁵ BW⁸ SW⁸ BF1 265 (650)
CH 34
GL SM⁷⁰ W15 H35 AL30 BF15 M5
① SM3 Aw 28, 29, 30 ② Q ③ Aw 28, 30, 33 ④ BW
⑤ SM3 Aw 26

#① CC 020 Aw 80 268 (810)
CH 35
GL W10 M20 H40 SM65 HN40 ? UNK 20
① Q ② Aw 31, 33 ③ Q ④ SM2, 2, 3, 3
⑤ Q

#③ CC 040 Aw 50 BW8 SW1 BF1 264 (631)
CH 34
GL SM65 W20 H35 G10 ? UNK 15 AL20
① SM2 Aw 24, 25 ② BW 4, 10 ③ Q ④ BW 4, 5
⑤ SM3 Aw 26

#① CC 035 Aw 60 SW1 267 (729)
CH 34
GL W20 H35 M20 SM60 AL40 HN25 R120 ?? UNK 20 MA15 G5
① Q ② SW 4, 5, 7, 9 ③ SW 2 Aw 26, 30
④ Aw 22, 24, 30 ⑤ SM3, 4, 1 Aw 28, 30

#② CC 045 Aw 45 BW8 SW2 263 (612)
CH 31
GL SM70 H30 W20 SW8 BF12 ? UNK 20 HN10
① SM3 ② SM2, 2, 3, 4 ③ Q ④ SW 4 SM4 SW 7, 8
10, 11, 14 ⑤ SM4, 4
#① CC 040 Aw 55 SW5 262 0555
CH 32

CE 14 SW⁴ BF² W20 H25 MA10 ? UNK 35 SM45
Hn 2, Aw 24, 25 ② Aw 26, 27, 29, 31 ③ Q ④ SM4, 4
20

① SMC

6/18 Mixed SW N

① 0609
② RCKI 40, 120
WIWR 80, 100
MYWA 80
REV1 100, 70/100
WTSP 120, 140, 200+, 70

SWTH 80, 100
BLBW 60, 40
BBWA 60
AMRE 60
RVGR 60

① 0817 273

LEFL 40, 90, 90
NAWA 40/110
SWTH 100, 110, 200, 60C
WTSP 110
AMRE 110, 100
BTNW 90
BBWA 40
WIWR 60
BTBW 70

① 0701
② AMRE 70
BLBW 30

SWTH 60C, 90
WIWR 90
OVEN 100, 90
WTSP 200+, 160, 110, 100
MAYA 70, 70
MOWA 90
GCKI 40
REV1 100

#25
272

① CC 045 SW 30 Aw 15 Bw 15 272
CA 28
AC G125+35M Bx 30 K40 AL 40 W20 R125
① Gu 40, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 360, 380, 400, 420, 440, 460, 480, 500, 520, 540, 560, 580, 600, 620, 640, 660, 680, 700, 720, 740, 760, 780, 800, 820, 840, 860, 880, 900, 920, 940, 960, 980, 1000, 1020, 1040, 1060, 1080, 1100, 1120, 1140, 1160, 1180, 1200, 1220, 1240, 1260, 1280, 1300, 1320, 1340, 1360, 1380, 1400, 1420, 1440, 1460, 1480, 1500, 1520, 1540, 1560, 1580, 1600, 1620, 1640, 1660, 1680, 1700, 1720, 1740, 1760, 1780, 1800, 1820, 1840, 1860, 1880, 1900, 1920, 1940, 1960, 1980, 2000, 2020, 2040, 2060, 2080, 2100, 2120, 2140, 2160, 2180, 2200, 2220, 2240, 2260, 2280, 2300, 2320, 2340, 2360, 2380, 2400, 2420, 2440, 2460, 2480, 2500, 2520, 2540, 2560, 2580, 2600, 2620, 2640, 2660, 2680, 2700, 2720, 2740, 2760, 2780, 2800, 2820, 2840, 2860, 2880, 2900, 2920, 2940, 2960, 2980, 3000, 3020, 3040, 3060, 3080, 3100, 3120, 3140, 3160, 3180, 3200, 3220, 3240, 3260, 3280, 3300, 3320, 3340, 3360, 3380, 3400, 3420, 3440, 3460, 3480, 3500, 3520, 3540, 3560, 3580, 3600, 3620, 3640, 3660, 3680, 3700, 3720, 3740, 3760, 3780, 3800, 3820, 3840, 3860, 3880, 3900, 3920, 3940, 3960, 3980, 4000, 4020, 4040, 4060, 4080, 4100, 4120, 4140, 4160, 4180, 4200, 4220, 4240, 4260, 4280, 4300, 4320, 4340, 4360, 4380, 4400, 4420, 4440, 4460, 4480, 4500, 4520, 4540, 4560, 4580, 4600, 4620, 4640, 4660, 4680, 4700, 4720, 4740, 4760, 4780, 4800, 4820, 4840, 4860, 4880, 4900, 4920, 4940, 4960, 4980, 5000, 5020, 5040, 5060, 5080, 5100, 5120, 5140, 5160, 5180, 5200, 5220, 5240, 5260, 5280, 5300, 5320, 5340, 5360, 5380, 5400, 5420, 5440, 5460, 5480, 5500, 5520, 5540, 5560, 5580, 5600, 5620, 5640, 5660, 5680, 5700, 5720, 5740, 5760, 5780, 5800, 5820, 5840, 5860, 5880, 5900, 5920, 5940, 5960, 5980, 6000, 6020, 6040, 6060, 6080, 6100, 6120, 6140, 6160, 6180, 6200, 6220, 6240, 6260, 6280, 6300, 6320, 6340, 6360, 6380, 6400, 6420, 6440, 6460, 6480, 6500, 6520, 6540, 6560, 6580, 6600, 6620, 6640, 6660, 6680, 6700, 6720, 6740, 6760, 6780, 6800, 6820, 6840, 6860, 6880, 6900, 6920, 6940, 6960, 6980, 7000, 7020, 7040, 7060, 7080, 7100, 7120, 7140, 7160, 7180, 7200, 7220, 7240, 7260, 7280, 7300, 7320, 7340, 7360, 7380, 7400, 7420, 7440, 7460, 7480, 7500, 7520, 7540, 7560, 7580, 7600, 7620, 7640, 7660, 7680, 7700, 7720, 7740, 7760, 7780, 7800, 7820, 7840, 7860, 7880, 7900, 7920, 7940, 7960, 7980, 8000, 8020, 8040, 8060, 8080, 8100, 8120, 8140, 8160, 8180, 8200, 8220, 8240, 8260, 8280, 8300, 8320, 8340, 8360, 8380, 8400, 8420, 8440, 8460, 8480, 8500, 8520, 8540, 8560, 8580, 8600, 8620, 8640, 8660, 8680, 8700, 8720, 8740, 8760, 8780, 8800, 8820, 8840, 8860, 8880, 8900, 8920, 8940, 8960, 8980, 9000, 9020, 9040, 9060, 9080, 9100, 9120, 9140, 9160, 9180, 9200, 9220, 9240, 9260, 9280, 9300, 9320, 9340, 9360, 9380, 9400, 9420, 9440, 9460, 9480, 9500, 9520, 9540, 9560, 9580, 9600, 9620, 9640, 9660, 9680, 9700, 9720, 9740, 9760, 9780, 9800, 9820, 9840, 9860, 9880, 9900, 9920, 9940, 9960, 9980, 10000, 10020, 10040, 10060, 10080, 10100, 10120, 10140, 10160, 10180, 10200, 10220, 10240, 10260, 10280, 10300, 10320, 10340, 10360, 10380, 10400, 10420, 10440, 10460, 10480, 10500, 10520, 10540, 10560, 10580, 10600, 10620, 10640, 10660, 10680, 10700, 10720, 10740, 10760, 10780, 10800, 10820, 10840, 10860, 10880, 10900, 10920, 10940, 10960, 10980, 11000, 11020, 11040, 11060, 11080, 11100, 11120, 11140, 11160, 11180, 11200, 11220, 11240, 11260, 11280, 11300, 11320, 11340, 11360, 11380, 11400, 11420, 11440, 11460, 11480, 11500, 11520, 11540, 11560, 11580, 11600, 11620, 11640, 11660, 11680, 11700, 11720, 11740, 11760, 11780, 11800, 11820, 11840, 11860, 11880, 11900, 11920, 11940, 11960, 11980, 12000, 12020, 12040, 12060, 12080, 12100, 12120, 12140, 12160, 12180, 12200, 12220, 12240, 12260, 12280, 12300, 12320, 12340, 12360, 12380, 12400, 12420, 12440, 12460, 12480, 12500, 12520, 12540, 12560, 12580, 12600, 12620, 12640, 12660, 12680, 12700, 12720, 12740, 12760, 12780, 12800, 12820, 12840, 12860, 12880, 12900, 12920, 12940, 12960, 12980, 13000, 13020, 13040, 13060, 13080, 13100, 13120, 13140, 13160, 13180, 13200, 13220, 13240, 13260, 13280, 13300, 13320, 13340, 13360, 13380, 13400, 13420, 13440, 13460, 13480, 13500, 13520, 13540, 13560, 13580, 13600, 13620, 13640, 13660, 13680, 13700, 13720, 13740, 13760, 13780, 13800, 13820, 13840, 13860, 13880, 13900, 13920, 13940, 13960, 13980, 14000, 14020, 14040, 14060, 14080, 14100, 14120, 14140, 14160, 14180, 14200, 14220, 14240, 14260, 14280, 14300, 14320, 14340, 14360, 14380, 14400, 14420, 14440, 14460, 14480, 14500, 14520, 14540, 14560, 14580, 14600, 14620, 14640, 14660, 14680, 14700, 14720, 14740, 14760, 14780, 14800, 14820, 14840, 14860, 14880, 14900, 14920, 14940, 14960, 14980, 15000, 15020, 15040, 15060, 15080, 15100, 15120, 15140, 15160, 15180, 15200, 15220, 15240, 15260, 15280, 15300, 15320, 15340, 15360, 15380, 15400, 15420, 15440, 15460, 15480, 15500, 15520, 15540, 15560, 15580, 15600, 15620, 15640, 15660, 15680, 15700, 15720, 15740, 15760, 15780, 15800, 15820, 15840, 15860, 15880, 15900, 15920, 15940, 15960, 15980, 16000, 16020, 16040, 16060, 16080, 16100, 16120, 16140, 16160, 16180, 16200, 16220, 16240, 16260, 16280, 16300, 16320, 16340, 16360, 16380, 16400, 16420, 16440, 16460, 16480, 16500, 16520, 16540, 16560, 16580, 16600, 16620, 16640, 16660, 16680, 16700, 16720, 16740, 16760, 16780, 16800, 16820, 16840, 16860, 16880, 16900, 16920, 16940, 16960, 16980, 17000, 17020, 17040, 17060, 17080, 17100, 17120, 17140, 17160, 17180, 17200, 17220, 17240, 17260, 17280, 17300, 17320, 17340, 17360, 17380, 17400, 17420, 17440, 17460, 17480, 17500, 17520, 17540, 17560, 17580, 17600, 17620, 17640, 17660, 17680, 17700, 17720, 17740, 17760, 17780, 17800, 17820, 17840, 17860, 17880, 17900, 17920, 17940, 17960, 17980, 18000, 18020, 18040, 18060, 18080, 18100, 18120, 18140, 18160, 18180, 18200, 18220, 18240, 18260, 18280, 18300, 18320, 18340, 18360, 18380, 18400, 18420, 18440, 18460, 18480, 18500, 18520, 18540, 18560, 18580, 18600, 18620, 18640, 18660, 18680, 18700, 18720, 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21600, 21620, 21640, 21660, 21

#③ CC 045 SW 20 Aw5 273

CH 31

AC M 640 H 05M 30 MA 15 Br 10 W 20

① Aw5 ② AL 3,3,4 ③ SW 10 ④ D

⑤ BW 5,6,8,15,16

6/19 SB Okatunge (Hawks) #26

① 0632 275

MATENA 40

BBWA 40

COYE 80,90

WTSP 140,100,160,70C

SWTH 150,160

NAWA 80

RKCI 90

MYWA 60,90,1,

REVI 90

MAWA 60

② 0643 276

BBWA 20,

BLBW 40

REVI 70

TEWA 90,70

MATA 70

NAWA 90,70

CHSP 90

WTSP 130

PISI 10

MYWA 40

③ 0702 277

SWTH 80 WTSP 80,90,140

RKCI 80 SOVI 80

NAWA 90,80 BOCH 60

DEJU 80 ? WIWA 80

COYE 100

TEWA 70

YBFL 80

#③ CC 045 SB 50 Aw5

CH 28

AC M 30W 10H 30 AL 25 LT 35 BLB 40

① D ② BF 3 Aw 25 ③ AL 1,2
④ D ⑤ SB 24

276

#③ CC 045 SB 50 Aw5

CH 29

AC M 50H 30 AL 30 LT 35 BLB 45 W 10 G 10 MA 20

① SB 10,12,13 ② SB 8,9 ③ D ④ D ⑤ SB 11

275

#③ CC 035 SB 65

CH 24

AC M 100 LT 30 AL 35 BLB 40 W 10 G 20

① SB 5,10,11,12,13 ② D ③ D ④ D ⑤ D

277

6/20 Shads (Chapman) Jr

#27

① 0545 278 Veg # OCC 025 SP 75
WTSP 130, 40C CH 26 LT 20
DEJ 90 GL M 100 H 20 W 20 B 20 S 30 B 15
LISP 60 ① ♂ ② ♂ 21
GCKI 40 ③ ♂ ④ JP 14, 20 ⑤ ♂
NAWA 40
REV 100
MYWA 90

② 0602 279

WTSP 90, 60, 120, 130 CH 25 SG 25 PC 10
CHSP 110 GL M 100 H 30 W 10 BLB 45 Bw 20
NAWA 140, 120 ① JP 19 ② ♂ ③ ♂
SWTH 100, 140 ④ 50 S JP 21, 24 ⑤ JP 18, 20,
REV 30 ZI
CORA 90
WNCR FO

③ 0619 280

SWTH 130, 100 CHSP 50, 110
NAWA 110 / 200 MAWA 80
MYWA 60 WNCR 90
WTSP 90, 140 WTSP 90, 90
NAWA 90 NAWA 100
BNWR 160 SOUL 100
BRCH 50
BOCH 70

④ 0635 281

CHSP 50, 110 MAWA 80
NAWA 80 WNCR 90
WTSP 90, 90 NAWA 100
SOUL 100

① 0644 282 # OCC 040 SP 60
SWTH 100, 110 CH 30
NAWA 90, 120 GL M 100 H 25 W 10 BLB 45 S 30 B 10
CHSP 130 ① JP 5, 8, 10, 14, 16, 20
MAWA 100, 100 ② ♂
WTSP 90, 130 ③ JP 6, 8, 10, 14, 15, 16, 17, 18, 19, 20
MYWA 90 ④ ♂ ⑤ ♂
WNWR 180 BBWA 160

④ CC 045 JP 55

CH 31 GL M 100 H 25 W 5 BLB 60 SAL 10 C 2 B - 10 S 3 B 10
① JP 12 ② Bw 4 ③ JP 18, 18, 24 ④ ♂
⑤ ♂

③ CC 050 JP 50

CH 29 GL M 100 H 35 BLB 55 SG 50 SAL 15 W 10 BE 10
① ♂ ② ♂ ③ JP 13, 15 (4D)
⑤ JP 14, 15,

281

280

① 00730 283

REV1 90

CHSP 90

NAWA 90, 80

MY/WA 70

~~WTR~~

⑦ 0733

GICKI 40

OVEN 90

NOPA 60

BRUR 80

NAWA 100, 60, 150

? REV1 80

WWUR FO

SWTH 180

WTSP 200

284

#⑦ CC 040 JP 10

CH 31

284

GC M100 H30 AL40 PC35 SR30 BE30 W10 BW30 BLB40

① JP 17 ② JP 25 ③ BE 3 JP 29

④ JP 24 ⑤ &

⑥ CC 045 JP 55

CH 27

283

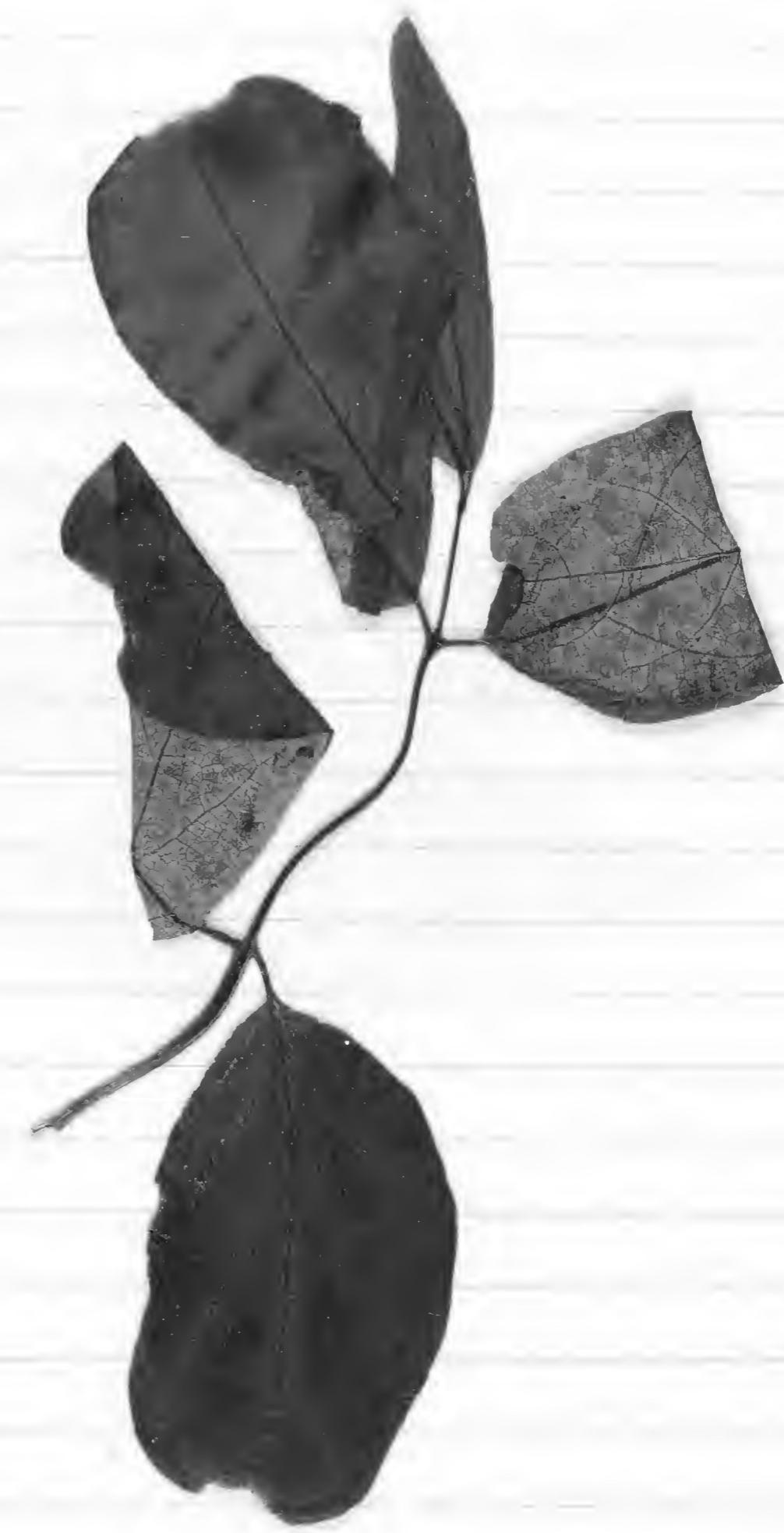
GC M100 H25 BB90 LC5 W5 SR30 SAL10 AL5
① & ② JP 30 ③ JP 12, 14, 16, 24

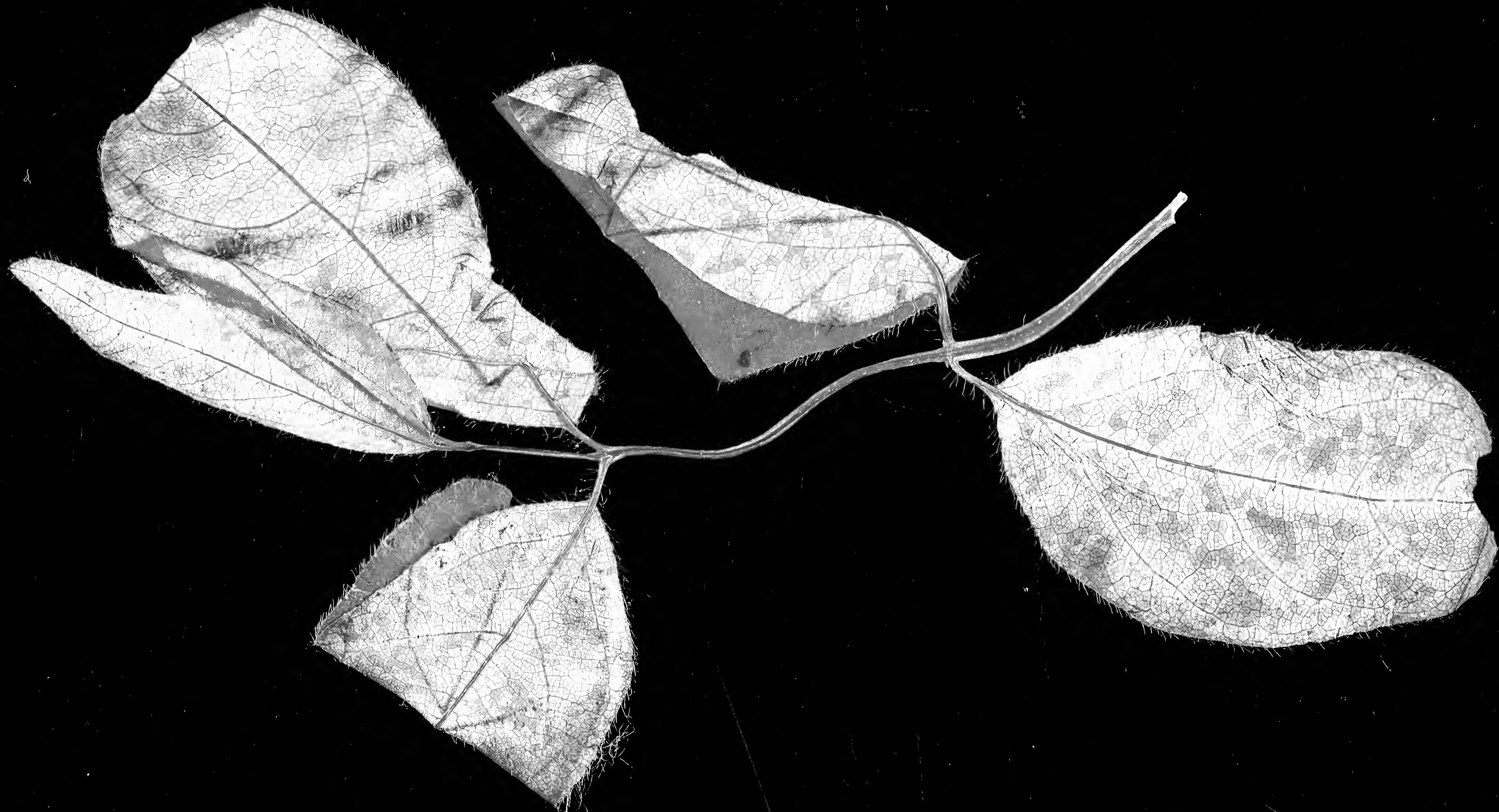
④ JP 11, 12, 13 ⑤ &

Done.

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6/10





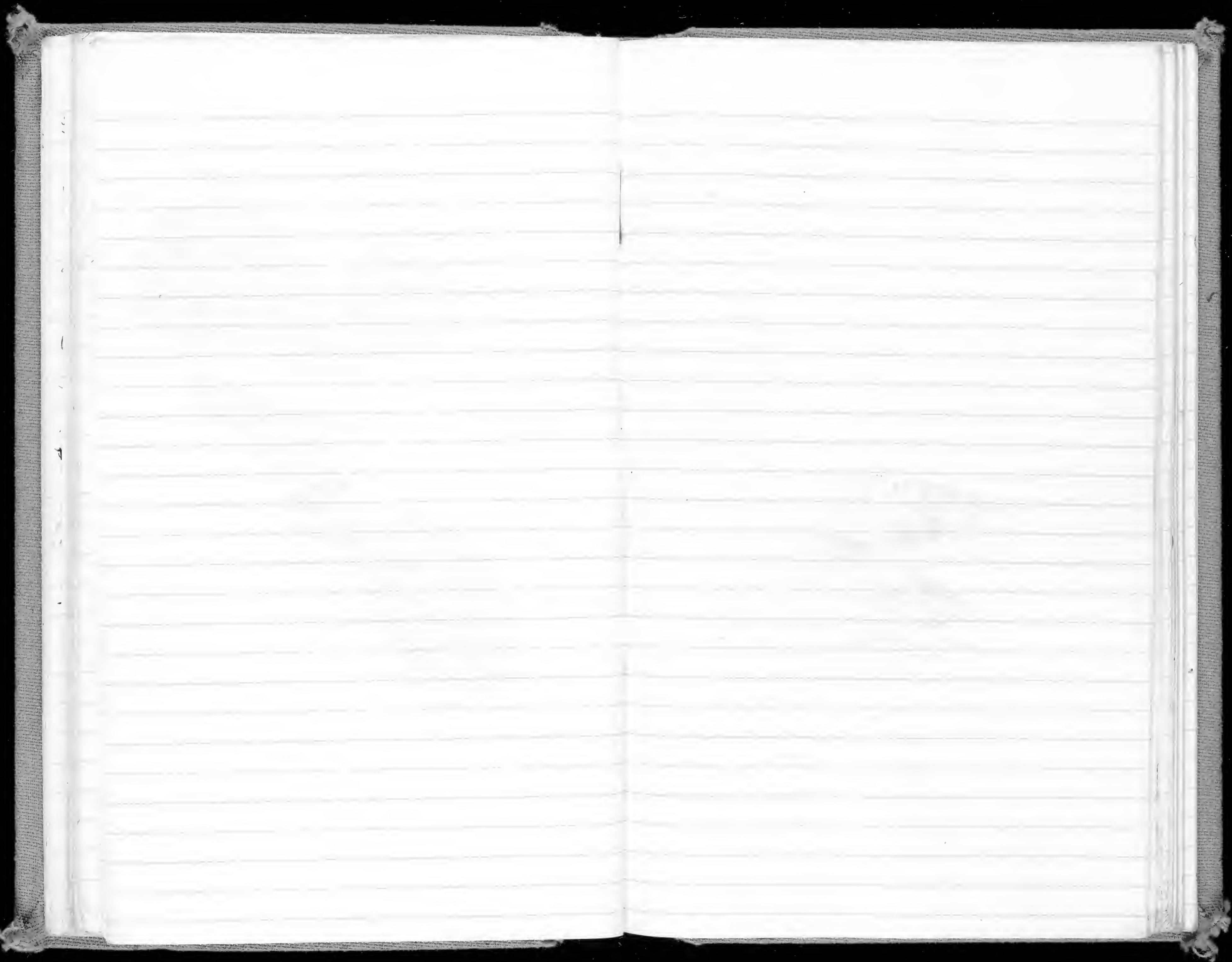


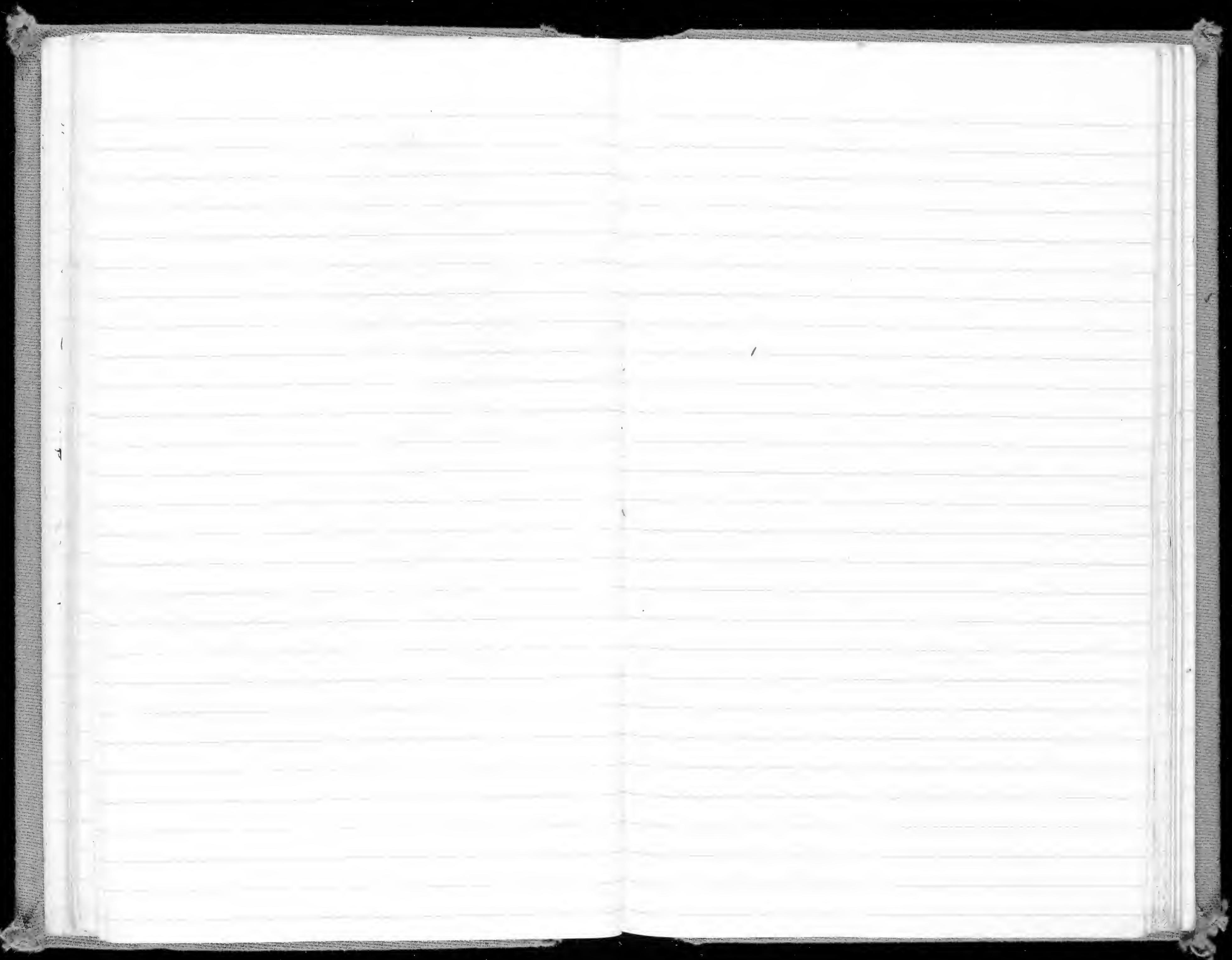
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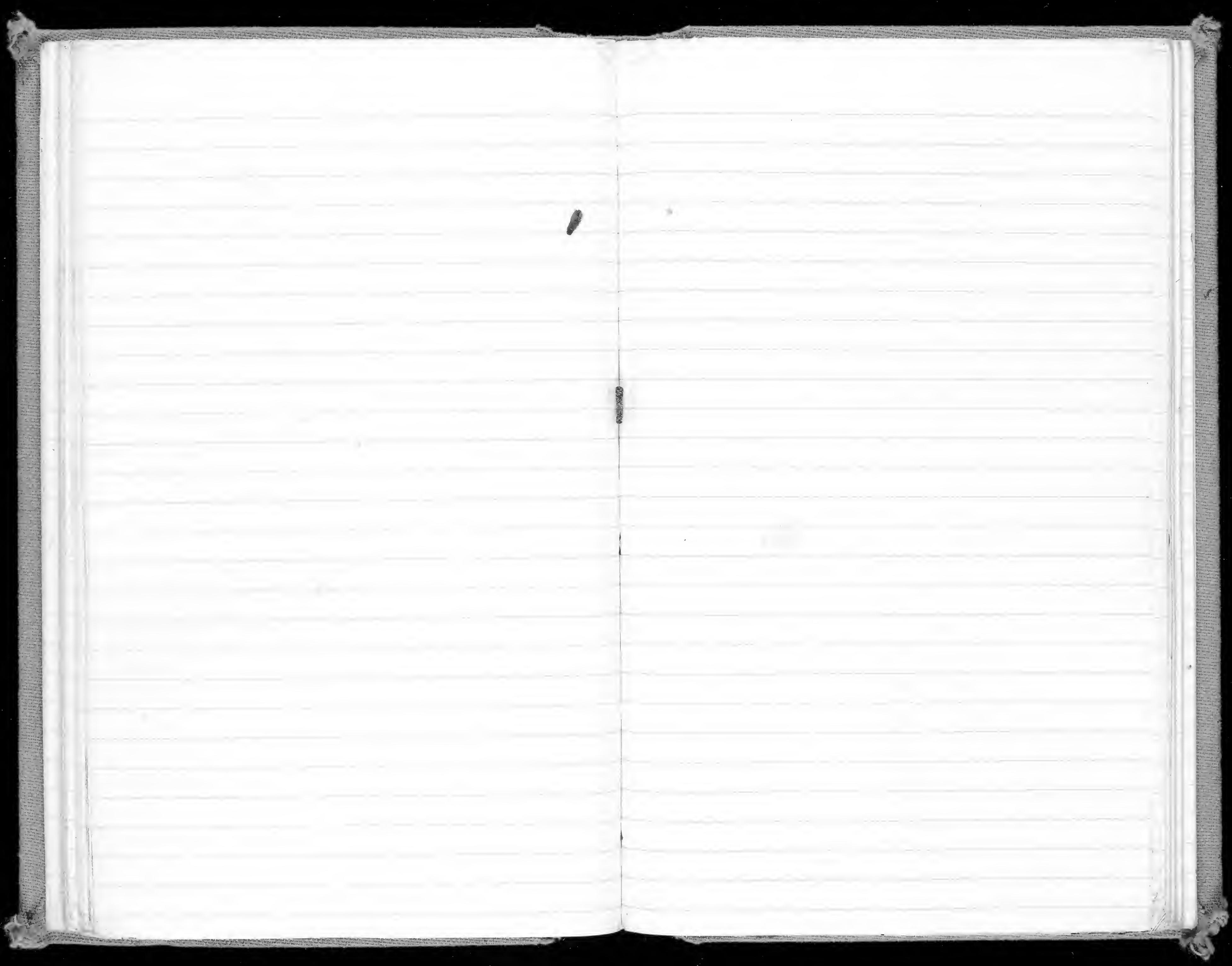








6/9



Gogama 6/5

BWWT ♀

Mixed Aw 23m/30m 31m Aw
20%. B ① branch 7mm
♂ branch stand glean.

AMRE ♀

Mixed Aw, ~~②~~^{BW} 11m/16m 23m Aw
10%. B ② branch 10mm
in branch aerial/upstrike glean

BWWA ♀

Mixed ~~②~~^{BW} Aw 11m/23m 23m Ps
10%. A ① branch 20mm ♂
branch stand glean

CSWA ♀ calling (diff. song?)

Mixed 14m/18m ~~20m~~³³ Aw
40%. B ① branch 6mm
♂ catkin stand glean

NAWA

20m 130m 330m Aw
40%. C twig 5mm ♂
L stand ~~on~~ RD glean

Porcupine in a tree (asleep)

see a drumming Rufose in BT BW

MANA ♂

Mixed 11m/22m 31m Aw
40%. B (2) branch 8mm
11cm branch VS gleam

TENA

Fir 1m/5m 20m Bf
60%. B (4) branch 3mm
13cm branch VS long gleam

MANA ♂ (S)

SB. B (2) 1.5m/2m 20m Sw
50%. C (2) branch 3mm &
branch S G

CSWA ♂ (S)

Aw 1m/1.5m 13m AL
10%. A (1) branch 6mm &
stem S G

DHVI

* Aw 8m/13m 21m Aw
35%. B (2) branch 6mm
& branch S G

AMRE ♀

Mixed 3m/4 25m Bw
25%. A (1) branch 5mm
26m air long gleam.

CSWA

4m/17m 23m Aw
25%. B (1) branch 7mm
25cm air VS hair gleam

AMRE ♀

3m/7m 20m Aw
25%. A (1) branch 15mm
6m air LUNbit hair gleam

6/6

BLBW ♂ S

JF 11m/21m 26m JF
95%. C (2) twig 3mm &
branch S RU G

BLBW ♂ S

JF 15m/21m 25m JF
100%. C (2) branch 20mm &
twig S RU G

Mattagami

MYWA ♀

Mixed 2lm/30m 33m ss
50%. B ② branch 30mm ♂
needle ~~dust~~ S G

NYWA ♀

Jp 28m/21m 28m Jp
95%. A ① branch 3mm 30cm
air L H G

NYWA

Jp 7m/18m 22m Jp
50%. B ① branch 7mm ♂
branch S G

CSWA ♂

Abs 0,25/2m AL 6m
20%. A ① stem 3mm ♂
graft S RD G

MYWA

2m/2.5 6m AL
20%. B ① branch 5mm
5m air knge G

BLBW

2m/2.5m 6m AL
20%. B ① branch 4mm ♂
branch S G

OT

Sov
Mixed 18m/22m 30m Aw
30%. B ② branch 11mm
20m 1.5m air branch L H G

MYWA ♂ (S)

23m/25m 25m SS
70%. A ② tip of tree on tail 3mm)
♂ amongst cones S G

NAWA ♂ S

Sw 2.5/2m 26m AL
85%. C ① branch 3mm
♂ UL S G

BBWA 7m/11m 30m SB
90%. C ② branch 5mm
45cm air L H G

GCKI 6m/8m 30m SB 90%.
C ② branch 3mm 40cm air L H G

(same)

GKI ♂ (S) 6m/7m 30m SB 90%. C
① branch 4mm & branch SG

BGWA ♂ (S) 6m/10m 30m CE 85%.
B ② branch 6mm & branch S RD G

BCH 3m/9m 30m CE 55%. B
② branch 8mm & ~~branch~~ lichen
SG

BHWA (same) ♂ S 3m/8m 30m SB 85%.
C ① branch 4mm 30cm catkin
US H G

BLBW ♂ S 15m/18m Aw 34m
75%. C ② branch 4mm & UL
S RUG

MHWA ♂ (S) 7m/15m 23m BW.
85%. B ① branch 5mm &
lichen SG

MYWA ♂ S 16m/23m 29m BW
80%. B ① branch 15mm &
branch SG

DEU S 15/7m 22m SB 100%.
B ③ branch 10mm & branch SG

NAWA 1m/2m 26m AL 98%.
C ① twig 3mm & UL (hollow)
SG

MHWA ♂ 4m/13m 28m 85%.
B ① branch 20mm & branch
SG

MHWA ♂ S 5m/5m 20m SB
95%. C ② branch 4mm &
branch SG

~~Done to here 6/23~~

6/8
CHSP JP 9m/13m 22m JP
90%. B ② branch 25mm & branch
SG

BRCK ♂ JP 4m/9m 22m JP
95%. A ① trunk & under
bank S PRIME

CHSP 7m/14m 23m JP
85%. C ② twig 4mm & middle
S RUG

BLBW ♂ JP 19m/19m 22m Jp
Tol. C (2) branch 5mm 45cm
air L H G (salted)

REVI
TENW ♂ 20m/30m 32m Aw
Tol. C (3) branch 5mm D
UL S RU G

REVI ♂ S 15m/33m 33m Aw 1%
B (3) branch 8mm D UL S RU G

REVI ♂ S 18m/34m 35m Aw 1%
B (1) branch 35mm D lichen SG

GTI Kettle Lakes

AMRE 20/24m 33m Aw 0%
B (3) branch 15mm 45cm L
L H G

B&WA 22m/32m 34m Aw 2%
B (5) branch D L SG

SWTH 20m/32m 34m Aw 10%
B (4) branch 30cm L H G

AMRE ♀ 25m/32m 34m Aw 10%
C (3) branch 50mm 30cm D SL
VS H G

REVI ♂ 18m/25m 25m Aw 80%
B (3) branch 5mm D SL UL
S G

DEJU 5m/7m 27m Jp 90%
B (2) branch 55mm D branch
S G

MYWT
YWRA ♂ 14m/22m 27m Aw
80%. B (3) branch 30mm 15mm
UL L H G

BLCH ♂ 20m/22m 27 Aw
80%. C (2) D 4mm D L SG

Kettle Lakes open 6/10

WIWR ♂ S 0m, 35 SB 15%. A (1) branch
(deadfall) 15mm D branch SG

GRW ♂ 6m/14m 18m SB 100%. A (1)
branch 10mm D branch SG

GCKI 7m/7.5m 16m SB 100%. B ②
branch 5mm 20cm branch RVSH G

BCCH 2m/4m 7m SALIX 75%.
A ① branch 4mm 40cm branch
US HAWK G

6/13 moonbeam mixed

AMRE ♂ 5.5m/9m Aw 30%. ③
① branch 1mm ② branch 5mm

AMRE ♂ 5.5m/15m 22m Bw 40%
③ branch 50mm 1.5m ♂ Vrdn.
US H G

6/14 nagagamissis mixed

TEWA ♂ 4m/13m 16m 70%.
② branch 11mm 1mm ^{medic} L H G

TEWA 14m/18m 22m Sw 75%.
② branch 15mm & needle s G

TEWA ♂ 20m/30m 32m Aw 40%.
② branch 9mm & branch s G

MYWA 18m/20m 5m Aw 40%.
② branch 10mm 25cm branch
L G

6/15 nagagamissis mixed

AMRE 9m/12m 14m Bw 15%. ③ branch 4mm lm
unleaf VS G ④ ③
REV 6m/6m 24 Aw 12mm branch 10mm 30cm
LG leaf L G.

BLBW 19m/19 26m Br 15%. C ③ branch 6mm
branch US H G (catkin, catkins, pinkish red color)
CHSP 5m/5m 25m H / Sw ③ branch 4mm &
NEE S HAM

TEWA 12m/20m 26m Sw 75%. ③ branch 8mm & NEE
S G

BBWA 20m/21m 34m Aw 55%. ③ ② BR 6mm 20cm LEAF
RUSH G

REV 18m/20m 30m Sw 75%. ③ BR 11mm 15cm NEEDS
US HAWK G

BLBW 16m/26m 26m Sw G. ③ BL 8mm & NEEDS G

6/17 Putuskaus

MAWA 10m/23m 26m Bw 35%. C ③ BR 5mm & LEAF RG G
CAWA 3m/5m 26m SAL 35%. C ③ BR 12mm ^{upper rush} 5cm leaf GLEAM

6/18

PHVA ♂ 6m/9m 15m Bw 40%. B ③ BR 18mm 35cm LEAF VS
HG

AMRE ♂ 5m/6m 20m SAL 85%. B ② BR 7mm lm air VS
HG

REV ♂ 4m/5m 6m SAL 10%. B ③ BR 12mm & pebble S

6/19

CHSP 17m/18m 22m SB 100%. C ② BR 10mm & BR S G
^{upper leaf}

TEWA 18m/17m 24m Aw 50%. C ③ BR 4mm & S RD G

BLWA^s 1m/20m 2bm As 90%. B③ trv 6mm & le st gl

MWAT 12m/21m 2bm SP 90%. B② br 15mm 10cm ve vs ho gl

BLWA^s 8m/9m 26 As 90%. B③ br 6mm & le st gl

" 6/7 26 As 90% B③ br 8mm 6mm ds ho gl

BLWA^f 14m/22m 26 As 90%. B③ br 15mm & le st gl

DEU V 6/24 29 SP 95%. A① vr 16mm & br st gl

MWAT 1m/14m 30 SA 95%. B② br 10mm 15cm le vs ho gl

YBFL 10m/10m 30 SP 100%. C① trv 3mm 1.5m ai lv gl

YBFL 13m/25m 30 SP 100%. C① trv 6mm 1.2m ai lv gl

BLWA^d 10m/15m 29 SP 95%. B③ br 8mm & 11 st gl

BLWA^s 17/21m 24 Bi 85%. B③ br 10mm 1.5 le lv ho gl

LEFL? 12/12m 24 SP 90%. C① tip aft 40mm 10cm ai lv gl

6/27 Tata SP

CHSP^s 20/21 25 SP 95%. B② br 5mm & ne st gl

RSP? 4/7 26 As 75%. B 3 trv 4mm & 11 st gl

CHSP 4/21 26 SP 90%. C① br 30mm & 11 st gl

CMWA^s 20/24 26 As 80%. B③ br 16mm 8mm le vs ho gl

" 19/24 br 50mm & br st gl

CHSP^s 12/19 25 SP 90%. B② br 50mm & br st gl

CHSP 1/2 25 RR 90%. B① br 10mm & br st gl

DEU V 3/5 32 As 90%. B① br 8mm 10cm ai lv ho gl

MWAT^s 24/25 30 SP 90%. B① br 16mm & br st gl

CHSP 0/1 29 SP 80%. B③ br 4mm & ne st gl

BLWA^s 19/26 30 As 90%. C2 br 15mm & le st gl

" 12/12 30 SP 70%. B 2 br 40mm & ne st rd gl

CHSP 10/10 29 SP 70%. B 2 br 40mm & br st gl

MWAT^s 3/4 30 RR 70%. B① br 8mm & vi st gl

CHSP 8/24 29 Bi 75%. B③ br 35mm & vi st rd gl

CHSP 8/24 29 Bi 75%. B③ br 35mm 15cm le vs ho gl

NWAWA 13/20 21 As 10%. B③ br 8mm 40cm vi vs ho gl

BLWA^s 14/16 21 DS 10%. A① ~~trv~~ ^{25mm} & br st gl

6/28 Kid Creek Timmins So

BLWA^s 13/13 20 SB 95%. C① br 15mm 40cm ne vs ho gl

6/24 10/20 22 SB 95%. B 1 trv 8mm & trv st gl

6/29 Greenwater SP

NWAWA 11/14 14 SP 95%. B② br 8mm 20cm ne vs ho gl

CHSP 1/2 16 SA 95%. B② br ~~4mm~~ & br st gl

CHSP 3/10 16 SP 95%. C① br 5mm & ne st gl

CHSP 10/11 21 SP 95%. C① br 20mm & 11 st gl

LEFL 18/24 24 Bi 10/63 br 20mm 20cm le vs ho gl

CHSP 3/11 30 Bi 20%. B① br 10mm & br st gl

6/30 Ester Lakes

CHSP 2/14 28 SP 80%. C② br 10mm & br st gl

NWAWA 14/26 SP 95%. C① br 8mm & br st gl

MWAT 1/2 PR 85%. B① br 12mm 10cm br vs ho gl

NWAWA 20/26 SP 95%. B① br 15mm & 11 st gl

LEFL 12/32 Bi 5%. B② br 20mm 50cm le lv gl

AMLE 10/26 Bi 0%. R① br 40mm 35cm le vs ho gl

7/1 Ester SB

MWAT 2/14 SB 100%. A① vr 30mm & vr st gl

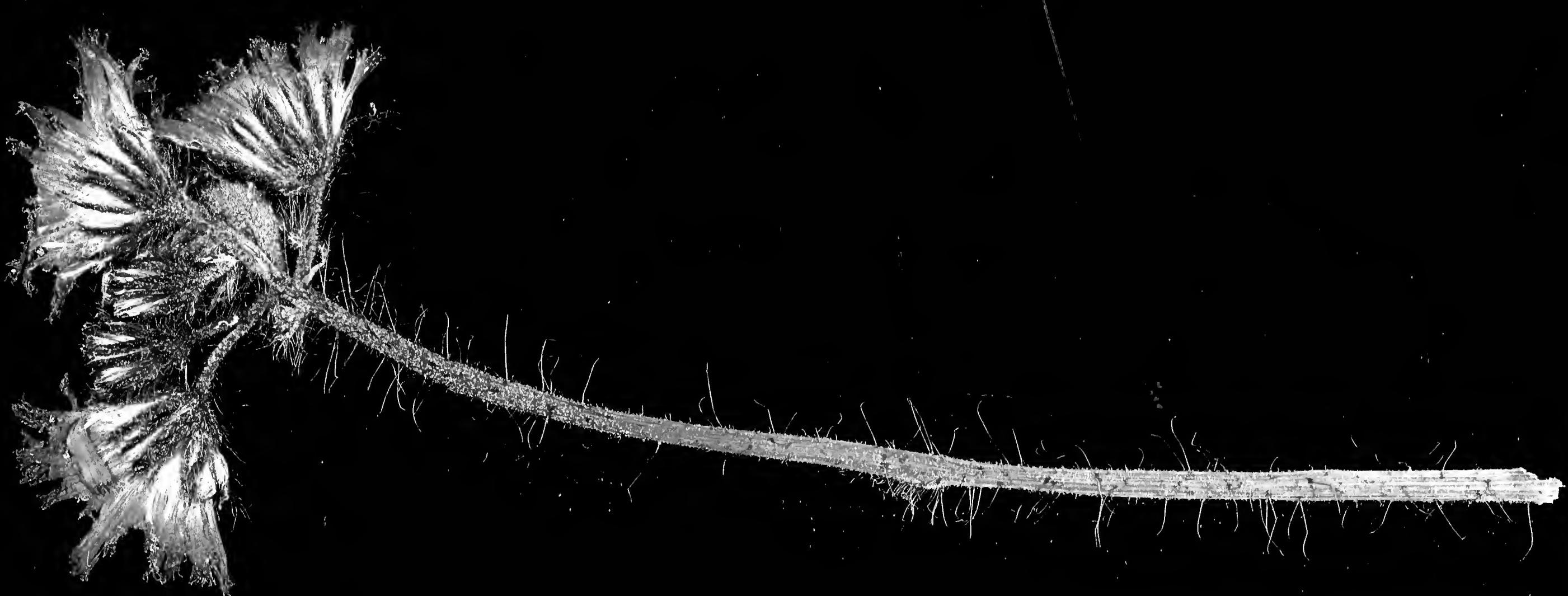
MWAT^s 10/12 SB 100%. B① vr 45mm & vr st gl

MWAWA 6/20 SB 100%. B① vr 30mm 50cm air lv ho gl

BWWA 18/32 SB 100%. A① H 160cm & trv st gl

NWAWA 7/13 TA 100%. C② vr 20mm & vr st gl





BLWA^s 1km/20m 2bm As 90%. B③ br 6mm & le st gl
MWAT 12m/24m 26m JP 90%. B② br 15mm 10cm ne vs ho gl

BLWA^s 8m/9m 26 As 90%. B③ br 6mm & le st gl
" 6/7 26 As 90% B③ br 8mm 6mm vs ho gl

BLWA^f 14m/22m 26 As 90%. B③ br 15mm & le st gl

DEU 6/24 29 JP 95%. A① br 15mm & br st gl

MWAT 1km/14m 30 ST 95%. B② br 10mm 15cm le vs ho gl

YBFL 10m/10m 30 JP 100%. C① tru 3mm 1.5m ai lv gl

YBFL 13m/26m 30 JP 98%. C① tru 6mm 1.2m ai lv gl

BLWA^s 10m/15m 29 (B) 95%. B③ br 8mm & le st gl

BLWA^s 17/21m 24 Bi 85%. B③ br 10mm 1.5 le lv ho gl
OSFL? 12/12m 24 JP 90%. C① tip aft 40mm 16cm ai lv gl

6/27 Tata JP

CHSP^s 20/21 25 JP 85%. B② br 5mm & ne st gl

RBN^s 4/7 26 As 75%. B③ br 4mm & le st gl

CHSP 4/21 26 JP 90%. C① br 30mm & le st gl

GWKA^s 20/24 26 As 80%. B③ br 46mm 8cm le vs ho gl
" 19/24 br 50mm & br st gl

CHSP^s 12/19 26 JP 90%. B② br 50mm & br st gl

CHSP 1/2 25 PR 90%. B① br 10mm & br st gl

DEU 3/5 32 As 90%. B① br 8mm 10cm ai lv ho gl

MWAT^s 24/25 30 JP 90%. B① br 96mm & br st gl

CHSP 0/1 28 (B) 80%. B③ br 4mm & ne st rv gl

BLWA^s 19/26 30 As 70%. C② br 15mm & le st gl

" 12/12 30 JP 70%. B② br 40mm & ne st rd gl

CHSP 10/10 29 JP 70%. B② br 40mm & br st gl

MWAT^s 3/4 30 PR 70%. B① br 8mm & vi st gl

CHSP 8/24 29 Bi 75%. B③ br 38mm & vi st rd gl
15

CHSP 8/24 29 Bi 75%. B③ br 35mm 15cm le vs ho gl

NWAA 13/20 21 As 10%. B③ br 8mm 40cm vi vs ho gl

BWWA^s 14/16 21 vs 10%. A① br ~~25mm~~ & br st gl

6/28 Kid Creek Timmins SB

BBWA^s 13/13 20 SB 95%. C① br 15mm 40cm ne vs ho gl

6/24 10/20 22 SB 95%. B① tru 8mm & tru st gl

6/29 Greenwater SP

NWAA 11/14 14 SP 95%. B② br 8mm 20cm ne vs ho gl

CHSP 1/2 16 SA 95%. B① br ~~10mm~~ & br st gl

CHSP 3/10 16 SP 95%. B② br 15mm & ne st gl

CHSP 10/12 21 SP 95%. B① br 20mm & li st gl

LEFL 18/24 24 Bi 10%. B③ br 30mm 20cm le vs ho gl

CHSP 3/11 30 Bi 20%. B① br 10mm & br st gl

6/30 Ester Lakes

CHSP 2/14 28 SP 85%. C② br 10mm & br st gl

NWAA 11/20 SP 95%. C① br 8mm & br st gl

MWAT 1/2 PR 85%. B① br 12mm 10cm br vs ho gl

NWAA 20/21 SP 95%. B① br 15mm & li st gl

LEFL 12/30 Bi 0%. B② br 20mm 50cm le lv gl

AMRE 10/26 Bi 0%. A① br 48mm 35cm le vs ho gl

7/1 Ester SB

MWAT 2/14 SB 100%. A① br 30mm & br st gl

MWAT^s 10/12 30 100%. B① br 45mm & br st gl

MWAT 6/20 SP 100%. B① br 30mm 50cm ai lv ho gl

BWWA 18/32 SB 100%. A① H 160cm & tru st gl

NWAA 7/13 33 TA 100%. C② vi 20mm & br st gl

NAWT 14/32 33 TA 100%. C② br 15mm 10cm ne us hrgl
 NAWA 15/32 33 TA 100%. C② br 15mm & vr st gl
 NAWA 15/32 31 TA 100%. C② br 15mm & ~~vr~~ st gl
 BCAH 3/21 30 SB 100%. B③ br 18mm 10cm ne "gl
 NAWT 13/20 33 SB 100%. B② br 8mm & ne st gl
 BBWA 11/24 34 SB 50%. C③ br 8mm & rest gl
 BBWA 6/19 33 AS 30%. B② br 4mm ~~10mm~~ ne st gl
 MYWAT^s 15/25 26 JP 95%. A② br 15mm & fr st rgl
 DEU 7/9 33 AS 20%. B① br 25mm & 1st gl
 DEU 12/18 33 ~~AS~~ 25%. C② br 25mm ~~10mm~~ ne ds hrgl
 CSWA^s 2/5 25 AL 15%. B① br 15mm 10cm br ~~15mm~~ gl

7/2 Kettlekates

MYWAT^s 14/26 33 AS 40%. B② br 25mm 30cm ul ds hrgl
 MYWAT 14/15 28 JP 55%. A② br 30mm & ne st gl
 MYWA 2/3 27 AL 80%. B② br 15mm & br st gl
 BCAH 5/15 27 JP 80%. B① br 8mm & br st gl
 BLWA 10/21 27 Bi 60%. B③ br 20mm 25cm ul vs hrgl
 CHSP 12/16 22 JP 90%. B② br 15mm & ne st gl
 CHSP 10/0.5 27 WAD 95%. A① fr 4mm & ol st rgl (off)
 BLWA^c 14/26 35 Bi 55%. B③ fr 30mm & vr st gl
 BLWA^c 15/26 36 Bi 55%. B③ fr 30mm 35cm le vs hrgl
 DEWA^s 10/13 31 AS 75%. B① fr 5mm & vr st gl
 BBWA 10/15 34 Bi 60%. B② br 8mm & vr st gl
 BLWA^s 11/20 33 AS 40%. B③ br 30mm & vr st rgl
 AMHE 2/3 30 SA 5%. B③ br 25mm & br st gl
 n 4/8 30 Bi 5%. B① br 10mm 35cm le vs hrgl
 BBWA 10/26 30 AS 15%. B② br 15mm 35cm br hrgl

LEFL 5/21 28 Bi 25%. C① br 40mm 1.3m II us gl
 BBWA^s 10/11 31 Sw 15%. C① br 5mm & ne st gl
 MYWAT 2/1 23 31 JP 25%. B② br 10mm & ne st rgl
 BBWA^s 22/35 35 JP 55%. B③ br 8mm & ne st gl
 MYWAT 16/28 33 JP 85%. B② br 15mm & vr st gl
 " 15/28 33 JP 85%. B② ^{15mm} 12mm 25cm ne hrgl
 BCAH 10/30 33 JP 85%. B① br 15mm & 1st gl
 MYWATⁿ 2/4 32 PC 70%. B① br 6mm & ol st gl

 7/3 Kettlekates
 (EWIA 5/24 27 V 95%. C② vr 5mm & vr st gl
 CHSP 14/27 29 V 95%. C② br 4mm & vr st gl
 CHSP 14/26 32 JP 90%. B② br 25mm & ne st gl
 BCAH 9/21 30 JP 90%. B② br 15mm & ~~vr~~ st gl
 BCAH 6/12 30 JP 80%. C② br 15mm & vr st gl
 RKL 11/30 30 JP 80%. B② br 25mm 6cm ne ds hrgl
 MYWA 2/12 30 28 90%. C① br 4mm & br ^{10mm} gl
 CHSP 2/4 28 PR 80%. B② br 1mm & vr st gl
 CHSP 3/4 28 PR 80%. B② br 10mm & vr st gl
 CHSP 2/26 30 JP 95%. C① ^{10mm} 25mm & br st gl
 BBWA 11/18 30 JP 90%. A① 40mm & br st gl
 CHSP 9/29 30 JP 90%. C③ br 15mm & ne st gl
 DEU^s 21/31 35 JP 100%. A② ^{10mm} 65mm & fr st gl
 BCAH 5/16 31 JP 100%. C① ^{10mm} 6mm & fr st gl
 BCAH 6/16 31 JP 100%. A① fr ^{100mm} 80mm & fr hrgl

7/4
 BBWA^s 10/30 30 AS 5%. B③ br 30mm & br st gl
 MYWA 2/1 30 30 AS 5%. B② fr 5mm & vr st gl

Porcupine
Democrat.
Forest past Hoyle.

NWAT 9/12 30 As 5%. B③ br 8mm & v1 st rugl
 SWA^s 23/34 34 As 5%. C③ br 8mm & v1 st rd gl
 MAWA^s 23/34 34 As 5%. B③ br 10mm & v1 st gl
 NAWA 10/21 30 SB 70%. C③ br 10mm & nest gl
 TEWA 6/6 29 As 5%. C③ br 15mm & le st rd gl
 BWWA 13/16 24 As 60%. B③ br 25mm & br st gl
 GCKI 19/24 26 SB 75%. C③ br 8mm 10cm ne lu hogl
 MYWA^d 13/21 25 SB 80%. C③ br 8mm 6cm ne lu hogl
 MYWA^d 7/19 32 SB 75%. B③ br 15mm & ne st gl
 GCKI^s 9/26 30 SB 95%. B③ br 15mm 5cm ne lu hogl
 " same
 GCKI 19/25 27 SB 100%. B③ br 15mm & ne st gl
 GCKI^s 14/24 27 SB 100%. B③ br 15mm & ne st gl
 GCKF 13/22 27 SB 100%. B③ br 20mm & nest gl
 MYWA 6/25 28 Bi 80%. B② br 25mm & br st gl
 GCKI 10/14 28 SB 100%. B④ br 10mm & nest gl
 GCKI^c 10/28 33 SP 60%. B③ 20mm & br st gl
 GCKI^c 12/28 33 SP 80%. B③ 15mm & ne st gl
GOV¹⁷ 18/21 33 As 75%. B① 20mm & br st gl
 7/5 KL.
 RCKT 22/30 30 SB 50%. B④ 20mm & br st gl
 LEVI 14/17 30 As 25%. B⑤ 40mm & v1 st gl
 LEVI 8/17 30 As 25%. B③ 35mm & v1 st gl
 CHSP 15/27 31 As 55%. B② 20mm & v1 st rd gl
 MYWA^d 13/23 23 SB 50%. B③ 10mm & ne st rugl
 CHSP 10/22 25 SP 70%. B① 5mm & br st gl
 LEVI 18/30 31 As 40%. B② 15mm 9cm le us hogl

AMRE 8/15 22 B. 60%. B③ br 10mm facie le gl
 " same 7/6
 BBWA^s 10/28 35 Bi 45%. B③ br 25mm & br st gl
 BCCH 2/3 35 SB 65%. A① st 8mm & v1 st gl
 BCCH 2/25 35 SB 65%. B① br 10mm & ne st rd gl
 MAWA^s 15/30 36 SB 45%. B④ br 8mm & ne st rugl
 CEWA 1/4 12 AL 5%. B③ br 8mm & v1 st rugl
 CEWA 4/8 13 SB 10%. C② br 6mm & ne st gl
 CEWA 2/2 13 PR 10%. B② br 6mm 1.2m ne us hogl
 BCCH 10/30 32 As 45%. B③ br 45mm 5cm le us hogl
 BCCH 2/10 32 As 45%. A① br 10mm 30cm le lu hogl
 BCCH 8/14 32 SB 45%. C③ br 6mm 200cm ul lu hogl
 BCCH 11/14 32 SB 45%. C③ br 6mm 100cm ul lu hogl
 BWWA^s 20/26 28 Bi 45%. A① tr 100mm & le st gl
 BLWA^d 27/30 32 Bi 55%. B② br 4mm & pe st gl
 BCCH 24/34 34 WP 50%. B② br 25mm 40cm le lu hogl
 BTBW 14/23 29 As 10%. B② br 30mm 10cm le ds gl
 BLWA 2/4 32 AL 45%. B④ br 10mm & le st gl
 MAWA^s 8/14 24 Bi 10%. B① br 10mm 5cm le lu hogl
 CHSP 9/10 32 As 20%. C② br 4mm & le st gl
 CHSP 1/24 29 Bi 50%. A① br 6mm 5cm tr ^{bark} lu hogl
 CHSP 2/6 24 PR 25%. B① br 15mm & le st rd gl
 MYWA^d 12/12 20 As 20%. B② br 8mm 5cm le lu hogl
 LEVI 21/27 33 As 30%. B② br 60mm & le st gl
 LEVI 1/3 26 PR 45%. B① br 8mm 25cm le ^{us} lu hogl
 GCKI 4/7 26 As 45%. B① br 7mm 5cm ne us hogl
 " 8/26 26 SB 45%. C③ br 5mm & ne st gl

LL

BWFA^s 8/28 28 As 45%. B(3) br 6mm & le st gl
" 8/11 28 SB 45%. C(2) br 8mm 15cm ne vs ^{ns} br st gl
7/8 Lake Superior mixed

AMRE ♀ 16/27 27 SB 55%. C(3) ^{ns} 4mm 100cm ai ds gl

AMRE ♀ 13/24 27 SB 40%. C(3) tw 4mm 65cm ne vs hogl

Boat 14/29 32 SB 45%. C(2) tw 5mm & ne st gl

AMRE 1/1 32 PR 45%. B(1) br 4mm & vr st gl
7/9

CHSP 7/13 25 SB 20%. C(2) tw 4mm & vr st gl

BTGW^s 20/25 25 As 20%. B(1) br 20mm 5mm ds hogl

CHSP 1/4 25 SB 20%. B(3) br 10mm & ne st gl

BTGW^s 32/32 32 SB 45%. C(2) ne 6mm & ne st gl

BTGW 9/12 26 Bi 40%. B(3) tw 3mm & ul st gl

MWFA 7/22 26 As 20%. B(2) vr 35mm & br st gl

Boat 15/31 31 SB 45%. C(3) ^{tw} 6mm & ne st gl

MWFA 16/32 32 SP 40%. B(1) br 30mm & vr st gl

BLWA 6/10 18 SA 40%. B(2) ^{tw} 8mm & le st gl

AMRE ♀ 6/9 18 As 40%. B(2) br 10mm 10cm le vs gl

BWFA 10/23 Bi 25%. B(1) br 65mm & vr st gl

Boat 9/19 24 SB 40%. C(3) tw 8mm 10cm ne vs hogl

" 11/9 " " " ne 5mm & ne hv gl

BTGW^s 16/25 25 Tk 40%. C(2) br 10mm 40mm ne vs hogl

BLWA ♀ 10/10 25 As 45%. C(2) tw 4mm & le st gl

CHSP 6/8 14 SB 35%. C(3) tw 6mm 10cm ne vs ^{ns} br st gl

AMRE 20/22 32 Bi 35%. B(3) vr 10mm 20cm le hogl

AMRE 20/25 28 Bi 30%. C(1) br 30mm & br st gl

BCCH 13/18 26 Bi 10%. B(1) vr 80mm & vr st gl

AMRE ♀ 11/16 18 Bi 5%. B(2) br 15mm 35cm ai ds gl
DEJU 2/5 13 SB 5%. B(3) tw 8mm & ne st vr gl
AMRE ♀ 12/16 18 As 15%. B(3) br 20mm 35cm ai ^{ts} hogl

CHSP 9/17 18 SB 25%. B(3) br 20mm & ne st gl

BCCH 6/10 23 SM 20%. C(2) br 5mm & le hv gl

BCCH 4/13 23 Bi 60%. A(1) fr 80mm & fr hv pr

BCCH 8/18 23 Bi 60%. A(1) fr 90mm & fr hv pr

BCCH 1/6 25 BF 60%. B(1) tw 4mm & pr st gl

7/16 Agassiz Bay mixed

AMRE 1/3 26 SM 45%. B(1) tw 6mm 28cm vs hogl

CHSP^s 26/28 31 SB 40%. C(1) tw 5mm & tw st gl

BBWA^s 12/20 24 Bi 40%. C(2) br 8mm & le st gl

CWAT 2/16 25 SB ³⁵%. C(1) tw 6mm 15cm le hv gl

BTGW^s 11/20 23 Bi ³⁵%. B(3) tw 4mm & ul st gl

AMRE^s 2/3 21 PR 35%. B(2) br 15mm 45cm le vs hogl

CWAT 3/4 28 Bi 45%. B(1) br 8mm 20cm li vs hogl

BLWA 4/14 28 Bi 45%. B(2) br 25mm & br st gl

AMRE^s 5/17 26 Bi 45%. B(2) br 10mm 30cm le vs hogl

7/11 Agassiz Bay

BLWA^s 12/22 26 Bi 30%. A(1) br 40mm & br st gl

DEJU 4/18 26 Bi 35%. B(2) br 25mm & br st gl

DEJU 4/12 26 Bi 35%. B(1) vr 10mm & vr st gl

BLWA 12/20 25 Bi 20%. C(2) tw 5mm & le st gl

NWFA 10/10 18 Bi 20%. B(1) tw 6mm & tw st gl ^(dead)

BTGW 1/2 22 SM 45%. B(2) tw 4mm 5cm li vs gl

" 1/13 22 Bi 45%. C(1) tw 6mm 5cm li vs gl

DEJU 5/24 24 SB 60%. B(1) vr 25mm & vr st gl

CAWA 3/5 17 PR 20%. B(3) br 15mm 15cm^{le} ds gl

CAWA 5/18 22 PR 20%. B(1) br 10mm 10cm^{le} lv gl

" 5/9 22 PR 20%. B(3) tw 6mm 10cm le vs gl

CAWA^s 2/2 28 Bi 55%. B(1) tw 5mm 15cm le vs gl

CAWA 3/23 28 CE 55%. B(2) br 25mm & br st gl

ANRE 4/17 26 Bi 55%. B(2) br 10mm 20cm le vs hog

ANRE 10/19 28:

NAWA^s 3/3 32 BM 55%. A(3) tw 4mm & le st gl

7/13 Sandbar:

NAWA^s 2/3 23 AL 10%. B(3) tw 5mm 5cm le vs gl

BLWA^s 10/10 27 Bi 45%. B(3) tw 6mm 8cm le vs hog

BIWA^s 5/24 27 SB 45%. C(1) br 20mm & ne st af

BIWA 15/18 27 Bi 65%. B(3) br 15mm 15cm le lv hog

BIWA^s 10/18 27 Bi 65%, B(3) br 35mm & tw 5cm^{le} rd gl

BLWA^s 10/18 33 Bi 55%. B(3) tw 10mm 5cm le ds gl

BLWA^s 23/29 31 As 45%. C(3) br 20mm 20cm le lv hog

CAWA^s 12/29 31 As 45%. C(2) br 40mm & 11 st gl

BLWA^s 22/29 31 As 45%. B(4) br 20mm 15cm le lv gl

REVI 9/10 24 Bi 10%. B(4) br 10mm 30cm le lv gl

BLWA^s 10/24 29 Bi 20%. B(3) br 15mm 5cm le lv hog

NAWA 6/8 27 Bi 20%. B(2) br 8mm 5cm le lv hog

NAWA^s 1/2 24 AL 90%. B(4) br 10mm & ne st gl

NAWA^s 6/8 29 AL 90%. B(3) br 25mm & br st gl

CHSP 6/21 24 SP (90%). C(2) tw 5mm & ne st gl

CHSP 6/21 24 SP (90%). C(2) tw 5mm & ne st gl

BLWA 17/22 24 SW 80%. C(3) tw 6mm & ne st gl

NAPA 10/10 22 Bi 80%. C(3) tw 4mm & ul st gl

7/14 Winnipeg

REVI 2/8 10 As 35%. B(3) br 10mm & st rv gl

CMWA 2/6 10 S - 40%. C(3) tw 4mm & ne st gl

BCHH 8/10 10 SW 25%. C(3) br 6mm & ne ds gl

TENA 8/10 10 Bi 25%. C(2) br 10mm & br st gl

TENA 11/13 16 BP 25%. B(2) br 15mm & ^{left} ds st rd gl

TENA 12/18 20 As 30%. C(2) br 8mm & ul st rd gl

CMWA 9/9 20 SW 30%. C(2) tw 4mm & ne st rv gl

CHSP 9/11 20 SW 30%. C(2) br 8mm & ne st rv gl

BLWA 6/12 20 As 30%. B(3) br 10mm & le st gl

CHSP 7/8 20 SW 30%. C(3) br 8mm & ne st gl

BCHH 5/8 20 SH 35%. B(2) br 10mm & br ^{ne} st gl

BCHH 2/8 17 As 15%. A(2) br 10mm & le hu gl

BCHH 4/7 17 As 15%. A(1) st 20mm & ^{stem} st gl

TENA 1/4 20 Bi 20%. C(3) tw 8mm & le st gl

NAWA 4/5 20 SW 20%. B(3) br 8mm & ul st rd gl

NAWA 11/17 20 SW 20%. C(5) tw 6mm & ne st gl

CHSP 6/9 20 SW 20%. C(3) br 8mm & ne st gl

BCHH 12/20 20 SW 20%. C(2) br 10mm 5cm ne lv hog

BCHH 11/20 20 SW 20%. C(1) br 8mm & br st gl

IEFL 1/2 16 SH 2%. C(1) br 4mm 250cm ai lv gl

CSWP 11/17 17 As 2%. B(3) bi 10mm 10cm ^{le} ds hog

7/15 Winnipeg

NAWA 6/21 26 SE 90%. C(2) tw 5mm & ne st gl

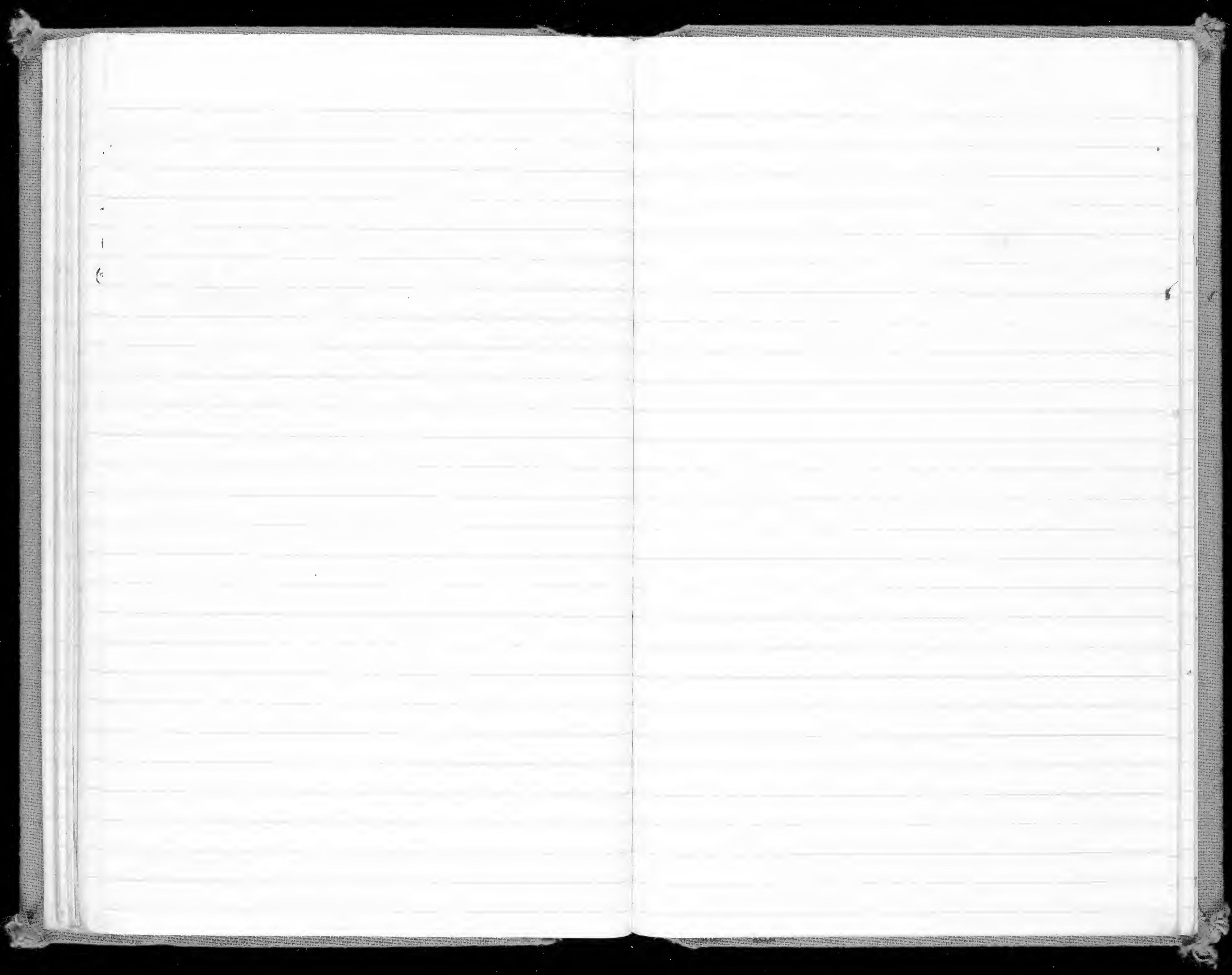
NAWA^s 15/22 24 TA 95%. B(2) br 15mm & br st gl

NAWA 14/15 20 SB 95%. C(3) tw 6mm & ne st gl

CSWP 7/12 22 As 0%. B(2) br 20mm 8cm ^{le} ds gl

TENWA 7/7 20 SA 5/. C (2) br 10mm & v1 st gl
TENWA 8/8 21 SW 20/. A (1) br 20mm & br ^{ns} rd gl
BLWNA 10/14 22 Bi B (3) br 15mm & v1 st gl
TENWA 18/21 29 Bi C (3) br 10mm & le st rd gl
WROA 22/25 32 As B (1) fw 10mm & le st rd gl
ACKI 16/18 18. Bi B (3) br 30mm 20cm (le us hog)
7/22 ~~Blowfish~~ *white shell Prov. Park
Blow 6/19 31 B. + (3) fw 4mm 10cm (le us hog)
NAWA 3/3 31 AL C (2) fw 4mm & v1 st rd gl
TENWA 3/3 31 AL B (3) fw 5mm & v1 st gl

phantom



C
I
SW
SP
VI
EW/A
BWA
CHSP
FRCR
BLBW
REF
AMLE
EW/A
DEJU
MYWA
BCCH
WINR
GRJY
GCKE
TEN/A

base
dB

1 CENA
8 CHSP
4 BCCH
2 FRCR

1 TEWA stalled
2 CEWA 8m
7 CSWA 6/27
2 MYWA
NAWA
GRJY

* 7/9
 2 BWTA
 12 BCCH
 3 MAWA
 3 CCWPA
 2 BWWA
 4 BLWA
 1 BTBW
 1 CHSP
 2 MYWA
 1 REV
 1 REV
 1 GCKI
 8 AMRE
 3 Bolt

7/14
 2 NAWA
 9 BLWA
 1 GCKI
 1 CAWA
 2 REV
 4 NAWA
 8 CHSP
 1 NAWA
 2 CWWA
 6 BCCH
 4 TEWA

* tallied
 on 7/2
 6 BWTA
 1 GRAY
 8 NAWA
 7 CHSP
 3 LEFL
 11 MYWA
 2 AMRE
 1 BWWT
 1 BCCH
 2 REV
 1 CSWA
 2 BCCH
 4 BLWA
 1 TEWA

2 AMRE
 3 REV
 3 BLBW
 3 CHSP
 2 PHVI
 2 TEWA
 4 BBWA

2 CHSP
 1 PFCR
 1 BLBW
 4 RETI
 4 AMRE
 2 PNA
 1 DEIV
 2 MYWA
 2 BCCH
 1 WINR
 1 GRJY
 1 GCKF
 2 TEWA

base
dB

1 TEWA *tallied
 2 CENW
 7 CSWA 6/27
 2 MYWA
 4 NAWA
 1 GRJY
 2 BCCH
 2 MAWA
 1 GCKI
 3 REV
 10 CHSP
 4 DEIV
 6 BLWA
 2 YBFL
 1 OSFL
 1 BWWA

Maneuvre
Primary
Secondary
Attack

BiWA-BLBD.
BTGW + BTNW

maneuver 1°

stand (st)

(hv) hang up, down, side, X (hs) (hx)

aerial upstrike, (us)

downstrike (ds)

lunge (lu)

rushing (ru)

sally (sa)

maneuver 2°

hover (hv)

reachup (ru)

reachedown (rd)

hang

none

attack

glean (gl)

probe (pr)

pry (py)

hammer (hm)

chisel

substrate type - hanging substrate

tw - lower leaf

ur - upper

le - leaf

li - lichen

ai - air

dl - dead leaf

lc - live curled leaf

sw - spider web

man.

Foraging (what to record)

- habitat
- location
- height of bird
- height of plant
- canopy height
- type of plant
- percentage of conifer vs. hardwood

- zone of tree

A trunk

B middle

C tips of branches

- density class

1m³ around bird → what percentage of area is darkened by foliage.

0 - 25 ①

.25 - .5 ②

.5 - .75 ③

.75 - 100 ④

- perch type (twig, branch, trunk, on the foliage)

- perch diameter

* Attack distance (Q for glean)

- substrate type (where the prey was sitting upon attack) ⇒ needles, bark, twig, ground, air, curled live leaf, curled dead leaf

- maneuver

SB
Mixed conifer
hardwood
Aw
willow thicket

WS-SW

BG-SB

JP-

PF

BP

PR

cherry
VI - viburnum

TA-

SO - mosses

MA - maple

BI - birch

